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NEW JERSEY AGRICULTURAL STATISTICS 1982

PRELIMINARY 1981 -- REVISED 1980



NEW JERSEY CROP REPORTING SERVICE

**NJ DEPARTMENT OF AGRICULTURE -- US DEPARTMENT OF AGRICULTURE
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OCTOBER 1982

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REPORTS ISSUED BY THE NEW JERSEY CROP REPORTING SERVICE

REPORT	ANTICIPATED RELEASE DATE FROM TRENTON
<u>FIELD CROPS:</u>	
CORN	JUNE, AUG., JAN.
SOYBEANS	JUNE, AUG., JAN.
WHEAT	DEC., MAY, JUNE, JULY
POTATOES	JUNE, JULY, AUG., SEPT., OCT., JAN.
SWEET POTATOES	JUNE, AUG., SEPT., OCT., JAN.
GRAIN STOCKS <u>1/</u>	JAN., APR., JULY, OCT.
<u>FRUIT AND BERRIES:</u>	
APPLES	JULY, AUG., OCT., JAN.
PEACHES	JUNE, JULY, AUG., JAN.
BLUEBERRIES	JULY, OCT.
CRANBERRIES	AUG., JAN.
STRAWBERRIES	APR., JUNE, SEPT.
<u>VEGETABLES:</u>	
SWEET CORN AND TOMATOES	JULY, DEC.
LETTUCE	APR., JULY, OCT., DEC.
ONIONS	MAY, JULY, AUG., DEC.
PROCESSING VEGETABLES	APR., JULY, SEPT., OCT., DEC.
WEEKLY DIGEST	WEEKLY: APR. THROUGH OCT.
<u>LIVESTOCK AND DAIRY:</u>	
MILK PRODUCTION	JAN., APR., JULY, OCT.
EGG PRODUCTION	MAR., JUNE, SEPT., DEC.
LIVESTOCK SLAUGHTER	JAN., APR., JULY, OCT.
LIVESTOCK INVENTORIES	ANNUALLY: JAN. - APR.
<u>FARM PRICES AND INCOME:</u>	
PRICES PAID AND RECEIVED BY FARMERS	MONTHLY
CASH RECEIPTS AND FARM INCOME	SEPT.
MUSHROOMS	AUG.
NUMBER OF FARMS, LAND IN FARMS	AUG.
PLANTING INTENTIONS	APR.
ANNUAL SUMMARIES: FIELD CROPS, FRUITS AND VEGETABLES	JAN.
N.J. AGRICULTURAL STATISTICS (INCLUDES COUNTY DATA)	OCT.

1/ Fall soybean stocks reported separately in September and excluded from the October report for other grains.

NEW JERSEY AGRICUTURAL STATISTICS

1982

COMPILED BY
NEW JERSEY CROP REPORTING SERVICE
NEW JERSEY DEPARTMENT OF AGRICULTURE
IN COOPERATION WITH
UNITED STATES DEPARTMENT OF AGRICULTURE

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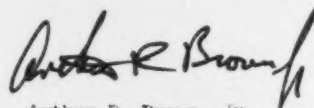
RAYMOND R. HANCOCK, Director, State
Statistical Offices

FOREWARD

The 1982 edition of Agricultural Statistics offers a detailed and accurate summary of the Garden State's agricultural industry. It provides the farmer and non-farmer alike with data that measures the important contribution of agriculture to the state's economy.

Agriculture is a high risk business with fluctuations in demand, supply and price as well as unpredictable weather. Each year presents a different set of obstacles that the farmer must confront and overcome. The information supplied in this publication can be a valuable resource when decisions must be made regarding what crops to plant, the number of livestock replacements to purchase and credit needs.

This summary is the cooperative effort of the New Jersey Department of Agriculture and the Statistical Reporting Service of the U. S. Department of Agriculture. It was compiled with the assistance and support of farmers and other agriculturalists who I would like to thank for voluntarily providing the data that made this report possible. Accurate, voluntary reports are of great service to New Jersey's agriculture industry.



Arthur R. Brown, Jr.
Secretary of Agriculture

ACKNOWLEDGMENT

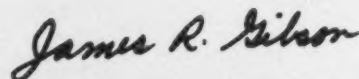
The statistics published in this summary are based on information supplied by thousands of farmers and businesses throughout New Jersey. None of this would be possible without their voluntary cooperation, patience and willingness to provide facts about their operation. The New Jersey Crop Reporting Service depends more each year on more effective sampling techniques to collect data. This means we can publish more reliable statistics and at the same time contact fewer farmers. However, the accuracy of the estimates still depends on the accuracy of the individual reports.

We wish to thank the many farmers, businessmen and others in agriculture who have furnished the basic data needed for the preparation of this publication. This publication would not be available without their services.

This publication is made possible through the combined efforts of the New Jersey Department of Agriculture and the Statistical Reporting Service of the United States Department of Agriculture.

The staff of the New Jersey Crop Reporting Service was responsible for assembling of data and other preparations of this publication for the printer. John St. Pierre, Assistant Statistician in Charge, directed bulletin preparation. Compilation of tabular material was under the supervision of Barbara Doughman and Helen Chianese. Typing was performed by Barbara Doughman. Weather data was supplied by Frank H. Ruggiero, Agricultural Meteorologist. Agricultural Land Sales data was prepared by Robert Bruch, Coordinator of Rural Resources, Division of Rural Resources, N.J.D.A. Charts were constructed by Marion Leary. Patricia Quinn and Stella Tozzi, N.J.D.A., were responsible for editorial review and coordination of printing. The assistance of all is greatly appreciated.

As you review this report, please feel free to suggest any changes you believe would improve its future usefulness.



James R. Gibson
Statistician in Charge

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RANK OF NEW JERSEY COUNTIES AND OF STATES FOR SELECTED ITEMS, 1981

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NEW JERSEY COUNTIES					
Field crop production:					
Corn for grain	Warren	Hunterdon	Salem	Burlington	Monmouth
Wheat for grain	Salem	Monmouth	Cumberland	Mercer	Burlington
Barley for grain	Burlington	Salem	Mercer	Cumberland	Monmouth
All hay	Hunterdon	Warren	Sussex	Salem	Somerset
Soybeans for beans	Salem	Burlington	Cumberland	Monmouth	Gloucester
Potatoes	Cumberland	Monmouth	Middlesex	Salem	Mercer
Sweet potatoes	Atlantic	Gloucester	Salem	Cumberland	Camden
Vegetable acreage harvested:					
Asparagus	Gloucester	Salem	Burlington & Cumberland	Camden	- - -
Cabbage	Cumberland	Atlantic	Monmouth	Gloucester	Salem
Lettuce	Cumberland	Atlantic	Gloucester & Warren	Monmouth & Salem	- - -
Onions, dry	Cumberland	Warren	Gloucester & Salem	- - -	- - -
Peppers	Gloucester	Salem	Cumberland	Atlantic	Monmouth
Sweet corn	Burlington	Monmouth	Gloucester	Camden & Warren	Atlantic, Cumberland, Salem & Sussex
Tomatoes	Gloucester	Salem	Cumberland	Monmouth	Burlington
Fruits and berries:					
Apples, com'l production ...	Gloucester	Burlington	Monmouth	Camden	Atlantic
Peach production	Gloucester	Atlantic	Cumberland	Burlington	Camden
Blueberry production	Atlantic	Burlington	- - -	- - -	- - -
Strawberry acreage	Cumberland	Burlington, Camden, Gloucester & Monmouth	- - -	- - -	- - -
Nursery stock acreage	Monmouth	Middlesex	Gloucester	Cumberland	Hunterdon
Number certified nurseries .	Monmouth	Bergen	Gloucester	Cumberland	Morris
Livestock and products:					
Milk production	Warren	Sussex	Salem	Hunterdon	Burlington
Number all cattle $\frac{2}{1}$	Warren	Hunterdon	Salem & Sussex	Burlington	Somerset
Number sheep and lambs $\frac{2}{1}$..	Hunterdon	Sussex	Somerset	Warren	Mercer
Number hogs and pigs	Gloucester	Burlington	Cumberland & Salem	Ocean	Hunterdon
UNITED STATES					
Vegetables, fresh market production:					
Asparagus	California	Washington	Michigan	NEW JERSEY	Illinois
Green peppers	Florida	California	Texas	NEW JERSEY	North Carolina
Spinach	California	Texas	NEW JERSEY	Colorado	- - -
Tomatoes	Florida	California	South Carolina	NEW JERSEY	Pennsylvania
Vegetables, processing production:					
Tomatoes	California	Ohio	Michigan	NEW JERSEY	Indiana
Fruit and berry production:					
Peaches	California	South Carolina	Georgia	NEW JERSEY	Pennsylvania
Blueberries (cult.)	Michigan	NEW JERSEY	Maine	North Carolina	Washington
Cranberries	Massachusetts	Wisconsin	NEW JERSEY	Washington	Oregon
Potatoes, summer	California	Virginia	NEW JERSEY	Colorado	Minnesota
Other:					
Taxes per acre $\frac{1}{1}$	Rhode Island	Massachusetts	NEW JERSEY	Connecticut	Michigan
Taxes as a percent of net farm income $\frac{1}{1}$	New Hampshire	Michigan	NEW JERSEY	New York	Connecticut
Average value farmland and buildings per acre $\frac{2}{1}$	NEW JERSEY	Rhode Island	Maryland	Connecticut	Illinois

1/ Data relate to 1980.

2/ Data relate to 1982.

NEW JERSEY: CROP SUMMARY, 1980

NEW JERSEY: CROP SUMMARY, 1960							
Crop	Unit	Acres harvested	Yield per acre	Production (thousands)	Season ave. price per unit (dol.)	Value	
						Total (thou. dol.)	Per acre (dollars)
FIELD CROPS:							
Corn for grain	Bu.	118,000	75.0	8,850	3.59	31,772	269
Wheat	Bu.	43,000	43.0	1,849	3.98	7,359	171
Oats	Bu.	7,000	55.0	385	2.22	855	122
Barley	Bu.	15,000	53.0	795	2.23	1,773	118
Rye	Bu.	8,000	27.0	216	3.24	700	88
Soybeans for beans	Bu.	194,000	18.0	3,492	7.77	27,133	140
Total above crops	Ton	385,000	--	439.3	--	69,592	181
Alfalfa hay	Ton	41,000	3.00	123	--	--	--
Other hay	Ton	66,000	2.00	132	--	--	--
All hay	Ton	107,000	2.38	255	78.50	20,018	187
Corn for silage	Ton	36,000	13.5	486	27.20	13,219	367
Potatoes	Cwt.	8,200	240	1,968	8.30	16,334	1,992
Sweet potatoes	Cwt.	2,400	115	276	16.40	4,526	1,886
TOTAL FIELD CROPS	Ton	538,600	--	1,292.5	--	124,070	--
FRUIT CROPS:							
Apples	Lb.	--	--	110,000 $\frac{1}{2}$	.0960	10,572	--
Peaches	Lb.	--	--	110,000 $\frac{1}{2}$	.2080	22,880	--
Blueberries	Lb.	8,100 $\frac{3}{4}$	3,210	26,000 $\frac{1}{2}$	.610	15,860	1,958
Cranberries	Cwt.	2,900 $\frac{3}{4}$	84.5	245 $\frac{1}{2}$	33.20	8,134	2,805
Strawberries	Cwt.	900 $\frac{3}{4}$	42	38	61.40	2,333	2,592
TOTAL FRUIT CROPS	Ton	--	--	137.2	--	59,779	--
VEGETABLES FOR FRESH MARKET:							
Asparagus, Jan.-June $\frac{2}{3}$	Cwt.	1,500	15	23	85.30	1,962	1,308
Snap beans, Jan.-June	Cwt.	900	40	36	28.10	1,012	1,124
July-Dec.	Cwt.	5,800	30	176	21.80	3,841	662
Cabbage, Jan.-June	Cwt.	700	220	154	12.50	1,925	2,750
July - Dec.	Cwt.	3,100	210	651	9.56	6,222	2,007
Sweet corn, July-Dec.	Cwt.	9,500	73	694	12.10	8,397	884
Cucumbers, July-Dec.	Cwt.	1,700	150	255	15.70	4,004	2,355
Eggplant, July-Dec.	Cwt.	1,000	150	150	14.10	2,115	2,115
Escarole, Jan.-June	Cwt.	290	190	55	18.10	996	3,434
July-Dec.	Cwt.	660	185	122	17.30	2,111	3,198
Lettuce, Jan.-June	Cwt.	1,300	185	241	9.66	2,328	1,791
July-Dec.	Cwt.	1,300	210	273	9.65	2,635	2,027
Onions, late crop $\frac{2}{3}$	Cwt.	680	110	75	12.20	915	1,346
Peppers, July-Dec. $\frac{2}{3}$	Cwt.	6,700	71	475	16.40	7,792	1,163
Spinach, Jan.-June	Cwt.	700	77	54	24.10	1,301	1,859
July-Dec.	Cwt.	600	74	44	27.60	1,214	2,023
Tomatoes, July-Dec.	Cwt.	6,500	83	540	17.90	9,666	1,487
Total - 12 market crops	Cwt.	42,930	94	4,018	14.54	58,436	1,361
VEGETABLES FOR PROCESSING:							
Tomatoes	Ton	5,400	11.48	62.0	74.20	4,600	852
Cucumbers	Ton	1,400	8.00	11.2	167.00	1,870	1,336
Snap beans	Ton	6,400	2.64	16.9	191.00	3,228	504
Total - processing crops ...	Ton	15,360	6.85	105.2	106.85	11,241	732
TOTAL VEGETABLES	Ton	58,290	5.25	306.1	227.63	69,677	1,195
TOTAL ALL CROPS	Ton	596,890	--	1,735.8	--	253,526	--

^{1/} Utilized production.^{2/} Includes both fresh market and processing amounts.^{3/} Not included in all crops total.

NEW JERSEY: CROP SUMMARY, 1981

Crop	Unit	Acres harvested	Yield per acre	Production (thousands)	Season ave. price per unit (dol.)	Value	
						Total (thou. dol.)	Per acre (dollars)
FIELD CROPS:							
Corn for grain	Bu.	125,000	99.0	12,375	2.60	32,175	257
Wheat	Bu.	56,000	42.0	2,352	3.25	7,644	137
Oats	Bu.	7,000	55.0	385	2.15	828	118
Barley	Bu.	17,000	61.0	1,037	2.05	2,126	125
Rye	Bu.	9,000	29.0	261	3.30	861	96
Soybeans for beans	Bu.	168,000	29.0	4,872	6.10	29,719	177
Total above crops	Ton	382,000	--	601.6	--	73,353	192
Alfalfa hay	Ton	40,000	3.40	136	--	--	--
Other hay	Ton	70,000	2.00	140	--	--	--
All hay	Ton	110,000	2.51	276	99.00	27,324	248
Corn for silage	Ton	42,000	15.0	630	20.76	13,079	311
Potatoes	Cwt.	8,100	255	2,066	7.00	14,462	1,785
Sweet potatoes	Cwt.	2,500	110	275	17.00	4,675	1,870
TOTAL FIELD CROPS	Ton	544,600	--	1,624.6	--	132,893	--
FRUIT CROPS:							
Apples	Lb.	--	--	95,000 1/	.1300	12,330	--
Peaches	Lb.	--	--	90,000 1/	.2390	21,510	--
Blueberries	Lb.	7,800 3/	3,590	28,000 1/	.650	18,200	2,333
Cranberries	Cwt.	2,900 3/	78.6	228 1/	39.70	9,052	3,121
Strawberries	Cwt.	900 3/	48	43	68.60	2,950	3,278
TOTAL FRUIT CROPS	Ton	--	--	120.1	--	64,042	--
VEGETABLES FOR FRESH MARKET:							
Asparagus, Jan.-June 2/	Cwt.	1,500	19	29	78.50	2,277	1,518
Snap beans, Jan.-June	Cwt.	1,000	40	40	21.80	872	872
July-Dec.	Cwt.	3,800	52	198	26.70	5,287	1,391
Cabbage, Jan.-June	Cwt.	700	220	154	6.76	1,041	1,487
July-Dec.	Cwt.	2,700	260	702	6.89	4,837	1,791
Sweet corn, July-Dec.	Cwt.	10,100	78	788	12.40	9,771	967
Cucumbers, July-Dec.	Cwt.	1,700	155	264	14.70	3,881	2,283
Eggplant, July-Dec.	Cwt.	1,100	190	209	15.10	3,156	2,869
Escarole, Jan.-June	Cwt.	450	200	90	17.20	1,548	3,440
July-Dec.	Cwt.	700	190	133	19.30	2,567	3,667
Lettuce, Jan.-June	Cwt.	1,200	195	234	10.30	2,410	2,008
July-Dec.	Cwt.	1,700	240	408	12.10	4,937	2,904
Onions, late crop 2/	Cwt.	650	160	104	15.40	1,602	2,465
Peppers, July-Dec. 2/	Cwt.	6,500	65	423	18.20	7,685	1,182
Spinach, Jan.-June	Cwt.	1,200	70	84	18.90	1,588	1,323
July-Dec.	Cwt.	700	75	53	29.20	1,548	2,211
Tomatoes, July-Dec.	Cwt.	6,600	105	693	29.70	20,582	3,118
Total - 12 market crops	Cwt.	42,300	109	4,606	16.41	75,589	1,787
VEGETABLES FOR PROCESSING:							
Tomatoes	Ton	5,400	17.96	97.0	86.60	8,398	1,555
Cucumbers	Ton	1,100	9.51	10.5	165.00	1,726	1,569
Snap beans	Ton	7,400	2.77	20.5	205.00	4,203	568
Total - processing crops ...	Ton	16,190	9.19	148.8	109.36	16,273	1,005
TOTAL VEGETABLES	Ton	58,490	6.48	379.1	242.29	91,862	1,571
TOTAL ALL CROPS	Ton	603,090	--	2,123.8	--	283,797	--

^{1/} Utilized production.

^{2/} Includes both fresh market and processing amounts.

^{3/} Not included in all crops total.

NEW JERSEY: FIELD CROP SUMMARY, 1981

Although 1981 had periods of below normal rainfall, conditions during the growing season were generally good, unlike the drought conditions experienced late in the 1980 growing season. Soybean yields were considerably higher than in 1980 and corn for grain hit a record high for the state. Barley, rye, white potatoes and alfalfa hay also had higher yields.

The 1981 wheat crop rose to a New Jersey record high of 2,352,000 bushels, up 27 percent from 1980. Acres harvested increased to 56,000, up 13,000 from the previous year. The 42.0 bushel yield was down 1 bushel per acre from 1980. Value of production was \$7.6 million, up 4 percent from 1980.

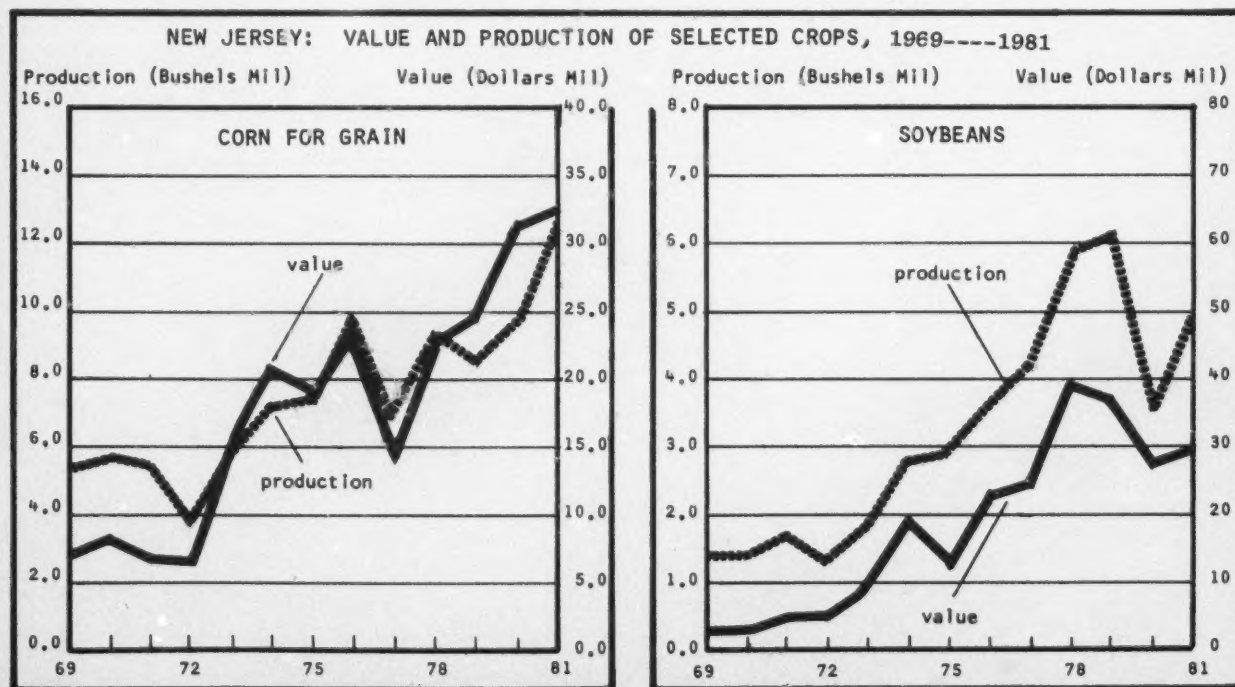
Corn production for grain amounted to 12,375,000 bushels, up 40 percent from 1980 and a record high for the state. Yield increased to 99 bushels per acre, up 24 from 1980 and a record high yield for the Garden State. Acres harvested rose to 125,000, an increase of 7,000 acres from the previous year. The season average price declined to \$2.60, down 99 cents per bushel from 1980. Despite the lower price, value of production reached a record high of \$32.2 million, up 1 percent from 1980. Corn silage acreage increased to 42,000, up 6,000 from 1980 and yield rose to 15.0 tons per acre. Silage production amounted to 630,000 tons an increase of 30 percent. Value of production dropped to \$13.1 million, down 1 percent from 1980. This was due to a \$6.44 decline in average price to \$20.76 per ton.

Soybean production in the Garden State increased to 4,872,000 bushels in 1981, up 40 percent from 1980. Harvested acres decreased to 168,000 acres, a drop of 26,000 from the preceding year. Yield rose sharply to 29 bushels per acre, up 11 bushels from 1980. Average price per bushel declined \$1.67 from 1980 to \$6.10 in 1981. Value of production of the 1981 soybean crop was \$29.7 million, up 10 percent from a year earlier.

White potato production in 1981 totaled 2,066,000 hundredweight, up 5 percent from 1980. Yield per acre improved to 255 hundredweight per acre, up 15 from the previous year. Harvested acres decreased 100 from 1980 to 8,100. The season average price decreased \$1.30 to \$7.00 per hundredweight while the value of production decreased to \$14.5 million, a drop of 11 percent from the previous year.

Sweet potato production totaled 275,000 hundredweight, down 1,000 from 1980. Area harvested at 2,500 acres was up 4 percent from the preceding year but yield declined 5 hundredweight to 110 hundredweight per acre. Price per hundredweight rose to a record high of \$17.00, up 60 cents from 1980. Value of production increased to \$4.7 million, up 3 percent from the previous year.

All hay acreage, including alfalfa, increased to 110,000 acres in 1981. Production totaled 276,000 tons, up 8 percent. All hay yielded an average of 2.51 tons per acre, an increase of 5 percent over 1980. The season average price for 1981 at \$99.00 was \$20.50 per ton above the previous year. This was a record high price which resulted in a record high value of production of \$27.3 million, up 36 percent from 1980.



NEW JERSEY: FIELD CROPS, ACREAGE, PRODUCTION AND VALUE, 1976-1981

NEW JERSEY: FIELD CROPS, ACREAGE, PRODUCTION AND VALUE, 1976-1981							
Year	Acres		Yield per acre 1/	Production (thou.) 1/	Season average price 1/ (dollars)	Value	
	Planted (thou.)	Harvested (thou.)				Total (thou. dol.)	Per acre (dollars)
CORN FOR GRAIN 2/							
1976	161	115	86.0	9,890	2.38	23,538	205
1977	149	99	70.0	6,930	2.05	14,207	144
1978	143	103	91.0	9,373	2.45	22,964	223
1979	137	95	90.0	8,550	2.89	24,710	260
1980	158	118	75.0	8,850	3.59	31,772	269
1981	170	125	99.0	12,375	2.60	32,175	257
CORN FOR SILAGE							
1976	--	42	16.0	672	17.06	11,464	273
1977	--	44	14.0	616	18.00	11,088	252
1978	--	37	15.5	574	18.86	10,826	293
1979	--	39	15.0	585	21.36	12,496	320
1980	--	36	13.5	486	27.20	13,219	367
1981	--	42	15.0	630	20.76	13,079	311
WHEAT							
1976	57	50	42.0	2,100	2.87	6,027	121
1977	55	38	31.0	1,178	2.15	2,533	67
1978	36	25	36.0	900	3.05	2,745	110
1979	51	41	36.0	1,476	4.00	5,904	144
1980	52	43	43.0	1,849	3.98	7,359	171
1981	64	56	42.0	2,352	3.25	7,644	137
OATS							
1976	11	8	51.0	408	1.65	673	84
1977	10	9	43.0	387	1.35	522	58
1978	9	8	48.0	384	1.45	557	70
1979	8	7	50.0	350	1.50	525	75
1980	8	7	55.0	385	2.22	855	122
1981	8	7	55.0	385	2.15	828	118
BARLEY							
1976	40	20	49.0	980	2.00	1,960	98
1977	27	13	48.0	624	1.75	1,092	84
1978	30	15	46.0	690	1.75	1,208	81
1979	28	14	51.0	714	1.95	1,392	99
1980	27	15	53.0	795	2.23	1,773	118
1981	24	17	61.0	1,037	2.05	2,126	125
RYE							
1976	60	7	30.0	210	2.40	504	72
1977	60	8	29.0	232	2.40	557	70
1978	76	11	23.0	253	2.75	696	63
1979	79	10	25.0	250	3.05	763	76
1980	82	8	27.0	216	3.24	700	88
1981	76	9	29.0	261	3.30	861	96
SOYBEANS 3/							
1976	150	148	24.0	3,552	6.65	23,621	160
1977	185	177	24.0	4,248	5.65	24,001	136
1978	195	191	31.0	5,921	6.80	40,263	211
1979	205	203	30.0	6,090	6.20	37,758	186
1980	200	194	18.0	3,492	7.77	27,133	140
1981	170	168	29.0	4,872	6.10	29,719	177

1/ Yield per acre, production and season average price of grains in bushels; silage in tons.

2/ Corn acres planted (first column) is for all purposes including silage and other; remaining columns relate only to corn harvested for grain.

3/ Soybean acres planted (first column) is for all purposes including silage and other; remaining columns relate only to soybeans harvested for beans.

NEW JERSEY: FIELD CROPS, ACREAGE, PRODUCTION AND VALUE, 1976-1981

Year	Acres		Yield per acre 1/	Production (thou.) 1/	Season average price 1/ (dollars)	Value	
	Planted (thou.)	Harvested (thou.)				Total (thou. dol.)	Per acre (dollars)
POTATOES							
1976	8.0	7.6	260	1,976	4.47	8,833	1,162
1977	8.3	8.1	265	2,147	4.14	8,889	1,097
1978	8.5	8.2	255	2,091	3.85	8,050	982
1979	8.8	8.5	250	2,125	4.00	8,500	1,000
1980	8.5	8.2	240	1,968	8.30	16,334	1,992
1981	8.3	8.1	255	2,066	7.00	14,462	1,785
SWEET POTATOES							
1976	2.3	2.3	115	265	10.90	2,889	1,256
1977	2.4	2.4	105	252	14.60	3,679	1,533
1978	2.6	2.6	110	286	14.00	4,004	1,540
1979	2.7	2.7	115	311	13.50	4,199	1,555
1980	2.4	2.4	115	276	16.40	4,526	1,886
1981	2.5	2.5	110	275	17.00	4,675	1,870
ALFALFA HAY							
1976	--	44	3.50	154	--	--	--
1977	--	46	3.30	152	--	--	--
1978	--	53	3.30	175	--	--	--
1979	--	48	3.60	173	--	--	--
1980	--	41	3.00	123	--	--	--
1981	--	40	3.40	136	--	--	--
OTHER HAY 2/							
1976	--	82	1.60	131	--	--	--
1977	--	79	1.90	150	--	--	--
1978	--	76	2.00	152	--	--	--
1979	--	79	2.20	174	--	--	--
1980	--	66	2.00	132	--	--	--
1981	--	70	2.00	140	--	--	--
ALL HAY							
1976	--	126	2.26	285	66.00	18,810	149
1977	--	125	2.42	302	75.00	22,650	181
1978	--	129	2.53	327	72.50	23,708	184
1979	--	127	2.73	347	61.00	21,167	167
1980	--	107	2.38	255	78.50	20,018	187
1981	--	110	2.51	276	99.00	27,324	248

1/ Yield per acre, production and season average price of potatoes and sweet potatoes in hundredweight; hay in tons.

2/ Includes clover and timothy hay.

NEW JERSEY: PRODUCTION, FARM USE, SALES AND VALUE OF GRAINS AND HAY, 1976-1981

Year	Production (thou. bu.)	Used for feed and seed on farms where grown (thou. bu.)	Sold (thou. bu.)	Season average price per bushel (dollars)	Value of	
					Production (thou. dol.)	Sales (thou. dol.)
CORN FOR GRAIN						
1976	9,890	2,967	6,923	2.38	23,538	16,477
1977	6,930	2,079	4,851	2.05	14,207	9,945
1978	9,373	2,624	6,749	2.45	22,964	16,535
1979	8,550	2,565	5,985	2.89	24,710	17,297
1980	8,850	NA	NA	3.59	31,772	NA
1981	12,375	NA	NA	2.60	32,175	NA
OATS						
1976	408	286	122	1.65	673	201
1977	387	271	116	1.35	522	157
1978	384	269	115	1.45	557	167
1979	350	252	98	1.50	525	147
1980	385	NA	NA	2.22	855	NA
1981	385	NA	NA	2.15	828	NA
BARLEY						
1976	980	343	637	2.00	1,960	1,274
1977	624	218	406	1.75	1,092	711
1978	690	207	483	1.75	1,208	845
1979	714	250	464	1.95	1,392	905
1980	795	286	509	2.23	1,773	NA
1981	1,037	NA	NA	2.05	2,126	NA
ALL HAY 1/						
1976	285	165	120	66.00	18,810	7,920
1977	302	187	115	75.00	22,650	8,625
1978	327	190	137	72.50	23,708	9,933
1979	347	208	139	61.00	21,167	8,479
1980	255	130	125	78.50	20,018	NA
1981	276	NA	NA	99.00	27,324	NA
RYE						
1976	210	46	164	2.40	504	394
1977	232	53	179	2.40	557	430
1978	253	58	195	2.75	696	536
1979	250	60	190	3.05	763	580
1980	216	52	164	3.24	700	NA
1981	261	NA	NA	3.30	861	NA
WHEAT						
1976	2,100	149	1,951	2.87	6,027	5,599
1977	1,178	100	1,078	2.15	2,533	2,318
1978	900	95	805	3.05	2,745	2,455
1979	1,476	142	1,334	4.00	5,904	5,336
1980	1,849	118	1,731	3.98	7,359	NA
1981	2,352	NA	NA	3.25	7,644	NA
SOYBEANS						
1976	3,552	78	3,474	6.65	23,621	23,102
1977	4,248	102	4,146	5.65	24,001	23,425
1978	5,921	101	5,820	6.80	40,263	39,576
1979	6,090	104	5,986	6.20	37,758	37,113
1980	3,492	77	3,415	7.77	27,133	NA
1981	4,872	NA	NA	6.10	29,719	NA

^{1/} Production, farm use and sales in thousand tons; season average price, dollars per ton.

NEW JERSEY: STOCKS OF GRAIN IN ALL POSITIONS, 1976-1982

Crop Year	January 1			April 1			June 1			October 1		
	On farm	Off farm	Total all positions	On farm	Off farm	Total all positions	On farm	Off farm	Total all positions	On farm	Off farm	Total all positions

-- thousand bushels --

WHEAT

1976	167	1/	1/	63	1/	1/	21	1/	1/	420	1/	1/
1977	147	1/	1/	63	1/	1/	42	1/	1/	306	182	488
1978	141	1/	1/	24	1/	1/	12	153	165	162	1/	1/
1979	72	253	325	9	1/	1/	5	1/	1/	177	1/	1/
1980	74	198	272	37	1/	1/	22	1/	1/	259	1/	1/
1981	148	1/	1/	111	1/	1/	92	1/	1/	141	1/	1/
1982	71	212	283	47	142	189						

OATS

1976	141	43	184	87	85	172	40	1/	1/	310	57	367
1977	159	1/	1/	102	1/	1/	61	1/	1/	302	53	355
1978	186	32	218	85	69	154	58	56	114	253	44	297
1979	192	61	253	84	54	138	61	55	116	263	74	337
1980	228	54	282	116	53	169	74	55	129	281	51	332
1981	258	50	308	162	54	216	35	41	76	266	91	357
1982	154	60	214	116	61	177						

BARLEY

1976	169	68	237	77	64	141	23	42	65	294	147	441
1977	98	60	158	49	1/	1/	29	1/	1/	156	189	345
1978	94	97	191	50	68	118	31	1/	1/	117	78	195
1979	97	61	158	35	68	103	7	1/	1/	86	98	184
1980	71	66	137	43	49	92	29	1/	1/	239	1/	1/
1981	103	1/	1/	72	1/	1/	32	1/	1/	156	1/	1/
1982	124	96	220	62	74	136						

RYE

1976	28	1/	1/	16	1/	1/	12	1/	1/	120	1/	1/
1977	32	1/	1/	17	1/	1/	8	--	8	116	6	122
1978	79	1/	1/	42	1/	1/	28	1/	1/	81	1/	1/
1979	63	1/	1/	43	3	46	25	1/	1/	75	1/	1/
1980	50	--	50	25	--	25	8	1/	1/	114	1/	1/
1981	32	1/	1/	6	--	6	4	--	4	99	1/	1/
1982	52	1/	1/	21	1/	1/						

CORN

1976	4,374	148	4,522	1,823	196	2,019	1,094	149	1,243	292	31	323
1977	4,846	679	5,525	3,462	1/	1/	1,780	1/	1/	495	250	745
1978	4,782	518	5,300	2,356	1/	1/	1,386	1/	1/	208	72	280
1979	5,436	392	5,828	3,187	307	3,494	1,406	1/	1/	375	32	407
1980	5,130	213	5,343	2,565	141	2,706	1,625	40	1,665	171	13	184
1981	4,779	206	4,985	2,478	182	2,660	1,593	131	1,724	266	42	308
1982	6,064	251	6,315	3,465	110	3,575						

SOYBEANS 2/

1976	1,263	1/	1/	147	1/	1/	88	1/	1/	15	--	15
1977	1,066	1/	1/	213	1/	1/	71	1/	1/	18	--	18
1978	1,699	1/	1/	297	1/	1/	170	1/	1/	85	1/	1/
1979	2,428	1/	1/	533	1/	1/	178	1/	1/	118	1/	1/
1980	3,350	233	3,583	1,035	1/	1/	974	1/	1/	670	1/	1/
1981	1,222	95	1,317	698	1/	1/	629	1/	1/	297	1/	1/
1982	1,949	89	2,038	682	1/	1/						

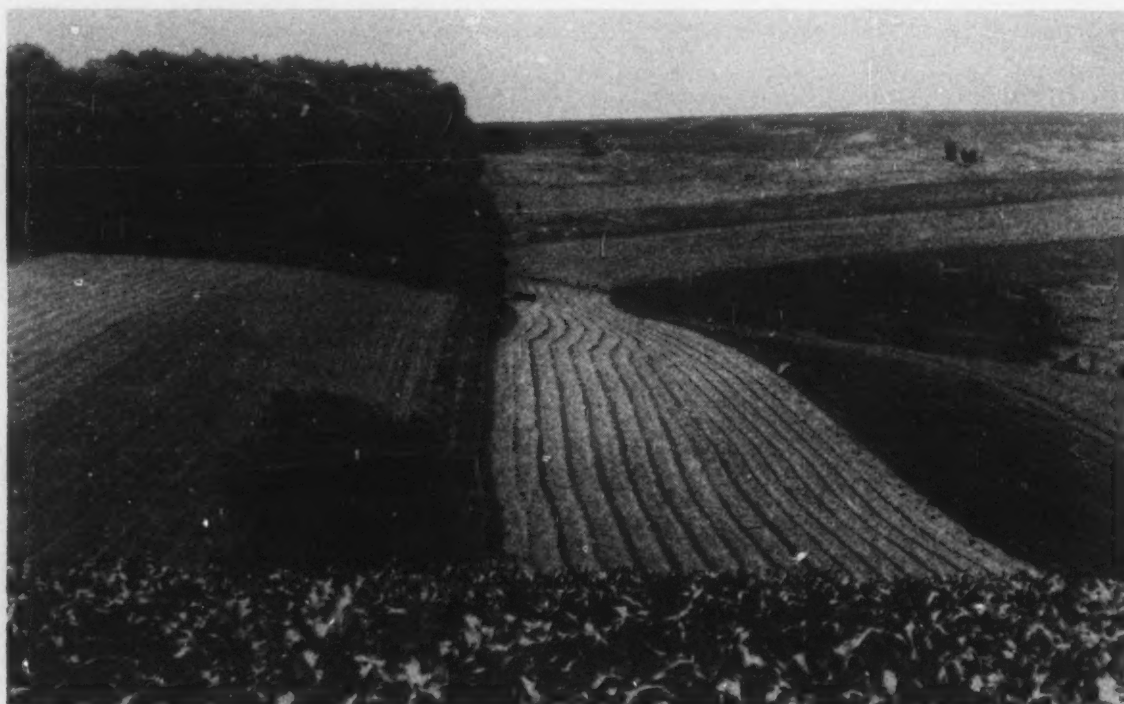
1/ Included in national estimates, but not shown for New Jersey to avoid disclosure of individual operations.
2/ Soybean stocks as of September 1, instead of October 1.

NEW JERSEY: CORN ACREAGE AND PRODUCTION, BY COUNTIES, 1980-1981

County	Acres harvested for all purposes	Acres harvested for grain	Yield per acre (bushels)	Production (bushels)
<u>1980</u>				
NORTH DISTRICT:				
Hunterdon	31,400	24,800	67	1,660,000
Morris	4,500	3,400	86	292,100
Somerset	8,600	6,600	67	441,800
Sussex	11,700	3,500	87	304,200
Warren	31,900	24,200	83	2,007,000
CENTRAL DISTRICT:				
Burlington	17,200	13,800	76	1,048,000
Mercer	5,200	5,100	56	285,300
Middlesex	4,100	3,700	67	247,700
Monmouth	11,700	10,200	63	642,000
Ocean	1,700	1,300	60	77,900
SOUTH DISTRICT:				
Atlantic	400	350	60	21,000
Camden	400	400	56	22,400
Cape May	700	700	90	62,900
Cumberland	4,700	4,200	89	373,500
Gloucester	3,600	2,150	79	169,700
Salem	18,000	13,500	88	1,187,000
Other counties	200	100	75	7,500
STATE	156,000	118,000	75	8,850,000
<u>1981</u>				
NORTH DISTRICT:				
Hunterdon	33,200	26,600	102	2,713,000
Morris	5,000	4,400	121	532,400
Somerset	9,800	6,400	88	563,200
Sussex	12,700	3,300	109	359,700
Warren	34,300	25,600	111	2,841,000
CENTRAL DISTRICT:				
Burlington	17,500	13,800	90	1,242,000
Mercer	4,800	4,800	91	436,800
Middlesex	4,300	4,000	110	440,000
Monmouth	12,300	10,900	90	981,000
Ocean	1,850	1,400	62	86,800
SOUTH DISTRICT:				
Atlantic	400	250	64	16,000
Camden	400	350	79	27,600
Cape May	700	700	74	51,800
Cumberland	5,150	4,600	85	391,000
Gloucester	4,650	2,500	86	215,000
Salem	21,750	15,300	96	1,468,500
Other counties	200	100	92	9,200
STATE	169,000	125,000	99	12,375,000

NEW JERSEY: SOYBEANS FOR BEANS, BY COUNTIES, 1980-1981

County	Acres harvested	Yield per acre (bushels)	Production (bushels)	Acres harvested	Yield per acre (bushels)	Production (bushels)
		1980			1981	
NORTH DISTRICT:						
Hunterdon	14,400	15	216,000	12,600	34	423,100
Somerset	10,100	13	131,100	8,300	26	212,800
Warren	3,700	23	85,000	3,100	37	113,600
CENTRAL DISTRICT:						
Burlington	32,000	20	639,000	26,800	29	773,700
Mercer	16,100	17	273,300	13,500	28	382,700
Middlesex	10,100	16	161,400	9,100	29	260,100
Monmouth	25,000	15	374,600	21,900	27	599,800
Ocean	1,300	20	26,000	1,200	30	35,600
SOUTH DISTRICT:						
Atlantic	1,000	19	19,000	1,100	22	24,400
Camden	1,300	8	10,400	1,000	35	35,100
Cape May	1,200	17	20,400	1,200	28	33,200
Cumberland	21,800	23	500,500	20,800	29	604,700
Gloucester	21,600	16	345,300	17,800	29	516,400
Salem	33,700	20	673,000	29,100	29	838,000
Other counties	700	24	17,000	500	38	18,800
STATE	194,000	18	3,492,000	168,000	29	4,872,000



NEW JERSEY: WHEAT FOR GRAIN, BY COUNTIES, 1980-1981

County	Acres harvested	Yield per acre (bushels)	Production (bushels)	Acres harvested	Yield per acre (bushels)	Production (bushels)
	<u>1980</u>			<u>1981</u>		
NORTH DISTRICT:						
Hunterdon	3,500	39	137,000	4,500	38	173,000
Somerset	2,200	38	84,000	2,300	45	104,000
Warren	2,000	47	94,000	2,400	50	121,000
CENTRAL DISTRICT:						
Burlington	3,500	46	161,000	4,100	45	186,000
Mercer	5,700	46	263,000	6,600	46	306,000
Middlesex	3,300	43	142,000	3,700	40	149,000
Monmouth	7,000	40	280,000	8,800	41	363,000
SOUTH DISTRICT:						
Camden	500	33	16,500	700	30	21,000
Cumberland	5,700	42	240,000	8,500	42	360,000
Gloucester	2,500	45	113,000	3,900	34	134,000
Salem	6,500	45	293,000	10,000	41	414,000
Other counties	600	43	25,500	500	42	21,000
STATE	43,000	43	1,849,000	56,000	42	2,352,000

NEW JERSEY: BARLEY FOR GRAIN, BY COUNTIES, 1980-1981

County	Acres harvested	Yield per acre (bushels)	Production (bushels)	Acres harvested	Yield per acre (bushels)	Production (bushels)
	<u>1980</u>			<u>1981</u>		
NORTH DISTRICT:						
Hunterdon	550	38	20,900	550	48	26,600
Somerset	500	46	23,000	550	49	26,900
Warren	300	50	15,000	400	45	18,000
CENTRAL DISTRICT:						
Burlington	3,700	51	188,000	4,800	65	313,500
Mercer	1,500	59	88,400	1,700	72	122,300
Middlesex	450	60	27,000	600	69	41,500
Monmouth	1,300	61	79,300	1,500	66	99,700
SOUTH DISTRICT:						
Cumberland	1,750	55	96,000	1,950	55	108,200
Gloucester	700	55	38,500	600	53	31,700
Salem	4,000	51	203,000	4,100	57	234,700
Other counties	250	64	15,900	250	56	13,900
STATE	15,000	53	795,000	17,000	61	1,037,000

NEW JERSEY: HAY ACREAGE AND PRODUCTION, BY COUNTIES, 1980-1981

County	Acres harvested		All hay		
	Alfalfa	Other 1/	Acres harvested	Yield per acre (tons)	Production (tons)
<u>1980</u>					
NORTH DISTRICT:					
Hunterdon	6,400	15,300	21,700	2.1	45,570
Morris	1,700	4,200	5,900	2.2	12,980
Somerset	1,900	7,400	9,300	1.8	16,740
Sussex	7,200	10,600	17,800	2.6	46,280
Warren	8,200	7,050	15,250	2.5	38,125
CENTRAL DISTRICT:					
Burlington	3,300	4,200	7,500	2.8	21,000
Mercer	600	1,800	2,400	2.1	5,040
Middlesex	250	750	1,000	1.9	1,900
Monmouth	1,900	2,700	4,600	2.4	11,040
Ocean	250	1,050	1,300	2.0	2,600
SOUTH DISTRICT:					
Atlantic	2/	2/	500	1.7	850
Camden	2/	2/	350	1.8	630
Cape May	400	1,100	1,500	2.4	3,600
Cumberland	3,300	4,500	7,800	2.4	18,720
Gloucester	1,200	900	2,100	2.5	5,250
Salem	4,000	3,800	7,800	3.1	24,180
Other counties	400	650	200	2.5	495
STATE	41,000	66,000	107,000	2.4	255,000
<u>1981</u>					
NORTH DISTRICT:					
Hunterdon	6,400	15,600	22,000	2.2	48,400
Morris	1,700	4,300	6,000	2.0	12,000
Somerset	1,700	7,300	9,000	2.2	19,800
Sussex	7,000	12,000	19,000	2.5	47,500
Warren	8,000	8,000	16,000	3.0	48,000
CENTRAL DISTRICT:					
Burlington	3,200	4,600	7,800	2.5	19,500
Mercer	700	1,700	2,400	2.0	4,800
Middlesex	200	700	900	1.8	1,620
Monmouth	1,700	2,700	4,400	3.0	13,200
Ocean	300	1,300	1,600	3.0	4,800
SOUTH DISTRICT:					
Atlantic	2/	2/	700	1.3	910
Camden	2/	2/	450	2.4	1,080
Cape May	500	1,100	1,600	2.0	3,200
Cumberland	3,600	4,600	8,200	2.4	19,680
Gloucester	1,000	1,200	2,200	2.8	6,160
Salem	3,500	4,000	7,500	3.3	24,750
Other counties	500	900	250	2.4	600
STATE	40,000	70,000	110,000	2.5	276,000

1/ Includes clover and timothy.

2/ Included with other counties.

NEW JERSEY: POTATOES, BY COUNTIES, 1980-1981

NEW JERSEY: POTATOES, BY COUNTIES, 1900-1901						
County	Acres harvested	Yield per acre (cwt.)	Production (cwt.)	Acres harvested	Yield per acre (cwt.)	Production (cwt.)
		1980			1981	
CENTRAL DISTRICT:						
Burlington	700	230	161,000	600	235	141,000
Mercer	600	265	159,000	600	280	168,000
Middlesex	1,100	270	297,000	1,300	285	370,500
Monmouth	1,600	260	416,000	1,500	280	420,000
SOUTH DISTRICT:						
Atlantic	800	215	172,000	700	235	164,500
Cumberland	1,800	220	396,000	2,000	240	480,000
Salem	1,300	235	305,500	1,200	230	276,000
Other counties	300	205	61,500	200	230	46,000
STATE	8,200	240	1,968,000	8,100	255	2,066,000

NEW JERSEY: SWEET POTATOES, BY COUNTIES, 1980-1981

NEW JERSEY: SWEET POTATOES, BY COUNTIES, 1980-1981						
County	Acres harvested	Yield per acre (cwt.)	Production (cwt.)	Acres harvested	Yield per acre (cwt.)	Production (cwt.)
		<u>1980</u>			<u>1981</u>	
SOUTH DISTRICT:						
Atlantic	900	110	99,000	900	110	99,000
Camden	200	105	21,000	200	110	22,000
Cumberland	200	125	25,000	200	120	24,000
Gloucester	800	120	96,000	800	110	88,000
Salem	150	135	20,000	250	110	28,000
Other counties	150	100	15,000	150	95	14,000
STATE	2,400	115	276,000	2,500	110	275,000

NEW JERSEY: MONTHLY UNLOADS OF POTATOES AND SWEET POTATOES AT 41 U.S. CITIES, 1979-1982 1/

Crop and year	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Season totals
-- 1,000 cwt. --														
POTATOES:														
1979-80	20	162	104	89	62	17	12	1	2	--	--	1	--	470
1980-81	48	194	90	39	1	--	--	--	--	--	--	1	1	374
1981-82	69	189	141	90	7	--	--	1	--	--	--	2/	2/	2/
SWEET POTATOES:														
1979-80	--	3	13	20	31	19	16	14	14	14	9	5	5	163
1980-81	--	2	11	19	30	22	12	12	13	15	8	6	2	152
1981-82	--	1	12	20	33	17	7	8	10	9	5	2/	2/	2/

1/ See inside back cover for conversion factors.

2/ Not available at time of publication.

SOURCE: Fruit & Vegetable Market News Service, C&MS, U.S. Department of Agriculture

NEW JERSEY: PRODUCTION, FARM USE, SALES AND VALUE OF POTATOES AND SWEET POTATOES, 1976-1980 1/

Year	Production (thou. cwt.)	Total used for seed (thou. cwt.)	Used on farms where grown		Sold (thou. cwt.)	Season average price per cwt. (dollars)	Value of	
			For seed, feed and household use (thou. cwt.)	Shrinkage and loss (thou. cwt.)			Production (thou. dol.)	Sales (thou. dol.)

POTATOES

1976	1,976	149	7	69	1,900	4.47	8,833	8,493
1977	2,147	153	8	75	2,064	4.14	8,889	8,545
1978	2,091	158	8	73	2,010	3.85	8,050	7,739
1979	2,125	153	9	74	2,042	4.00	8,500	8,168
1980	1,968	149	8	59	1,901	8.30	16,334	15,778

SWEET POTATOES

1976	265	10	11	18	236	10.90	2,889	2,572
1977	252	13	10	20	222	14.60	3,679	3,241
1978	286	16	11	27	248	14.00	4,004	3,472
1979	311	8	9	19	283	13.50	4,199	3,821
1980	276	11	10	26	240	16.40	4,526	3,936

1/ Data for 1981 crop disposition not available at time of publication.

UNITED STATES PRODUCTION AND PER CAPITA CONSUMPTION OF POTATOES, 1965-1980

Year	Production	Per capita consumption						
		Total fresh and processed	Fresh	Processed 1/				
				Total	Canned 2/	Frozen	Chips and shoe- strings	Dehy- drated
	Million cwt.	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1965	291.1	107.0	68.2	38.8	1.7	14.3	15.8	7.0
1966	307.2	116.8	72.4	44.4	1.7	17.3	16.7	8.7
1967	305.0	108.0	62.0	46.0	1.7	19.0	16.9	8.4
1968	295.4	115.2	65.9	49.3	1.9	21.2	17.1	9.1
1969	312.4	116.9	61.7	55.2	2.0	24.6	17.7	10.9
1970	325.7	117.4	58.2	59.2	2.0	27.7	17.7	11.8
1971	319.3	118.4	56.8	61.6	2.2	30.1	17.2	12.1
1972	296.4	119.2	57.2	62.0	2.1	30.8	16.9	12.2
1973	300.0	115.9	51.4	64.5	2.3	32.9	16.5	12.8
1974	342.4	113.3	47.9	65.4	2.3	32.7	16.0	14.4
1975	322.3	120.3	53.9	66.4	2.0	34.3	15.7	14.4
1976	357.7	114.4	50.1	64.3	1.9	36.4	16.0	10.0
1977	355.3	119.9	53.6	66.3	2.2	36.5	16.5	11.1
1978	366.3	119.0	49.7	69.3	2.1	38.8	17.1	11.3
1979	342.5	115.6	51.5	64.1	2.1	35.4	17.1	9.5
1980 3/	NA	115.8	51.4	64.4	2.1	33.8	17.0	11.5

1/ Fresh-weight basis.

2/ Includes potatoes canned in soups, stews and other combinations.

3/ Preliminary.

SOURCE: 1979 Handbook of Agricultural Charts, U.S.D.A., Economic Research Service.

NEW JERSEY: WEATHER SUMMARY, 1981

- January : This month was bitterly cold and was one of the driest Januarys on record. Temperatures averaged 7 degrees below normal throughout the state with extremes of 55 degrees at Hammonton and -24 degrees at Newton. Rainfall averaged far below normal throughout the state, averaging 0.62 inches North and 0.38 inches South. Snowfalls were below normal but the cold temperatures sustained snow cover for more than half the month.
- February : Above normal precipitation in February helped to lessen the state's water crisis. Temperatures averaged 2 to 5 degrees above normal ranging from a high of 73 degrees at Hammonton and Indian Mills to a low of -4 degrees at High Point Park. Precipitation averaged 5.63 inches North and 3.95 inches South. Almost no snow fell during the month with most stations not receiving 1 inch of snow for the month.
- March : March was a cold and dry month. Temperatures averaged 1 to 2 degrees below normal throughout the state with a high of 78 degrees at four different stations and a low of 5 degrees at Newton and Jersey City. Precipitation averaged below normal with 1.28 inches North and 1.79 inches South. The month's only significant snowfall occurred on the 5th with most places reporting 6 to 8 inches.
- April : April featured near normal temperatures and rainfall. Temperature extremes were 87 degrees at Belleplain State Forest and Toms River and 20 degrees at Jersey City. Rainfall averaged 3.62 inches North and 4.05 inches South.
- May : May began cool and wet and ended warm and dry. Temperatures averaged near normal with extremes of 95 degrees at Toms River and 25 degrees at Cranford. Precipitation was above normal averaging 5.23 inches North and 4.22 inches South with 3.55 inches occurring in 24 hours at Flemington on the 12th.
- June : June featured near normal temperatures and variable rainfall. Temperatures ranged from a high of 98 degrees at Woodstown and Newark to a low of 38 degrees at Cranford. Precipitation averaged near normal in the North and above normal in the South. The North averaged 3.66 inches while the South averaged 5.02 inches.
- July : July was much like June, with near normal temperatures and varied amounts of rainfall. Temperatures ranged from a high of 100 degrees at Toms River to a low of 47 degrees at Charlotteburg. Rainfall was above normal in the North with an average of 5.45 inches, while the South was near normal with an average of 3.00 inches. Some individual locations received over 9.00 inches of rain for the month while others received as little as half of an inch.
- August : August featured a cool, dry spell for the second half of the month. For the entire month temperatures averaged near normal throughout the state. Extremes were 94 degrees at Pomona and 41 degrees at Newton and Sussex. Rainfall was below normal in the North averaging 1.52 inches while averaging near normal in the South averaging 3.82 inches. Glassboro received 3.60 inches in a 24 hour period ending on the 9th.
- September : September featured near normal temperatures and precipitation. Temperatures ranged from a high of 94 degrees at Long Branch to a low of 30 degrees at Morris Plains. Precipitation averaged 3.70 inches North and 3.34 inches South. Many places received a light frost on the 30th.
- October : October was a cold month with slightly above normal precipitation. Temperatures averaged 4 to 5 degrees below normal throughout the state. Extremes were 80 degrees at Woodstown and 21 degrees at Newton. Precipitation averaged 4.05 inches in the North and 3.42 inches in the South.
- November : November was a dry month with slightly below normal temperatures. Temperatures ranged from a high of 73 degrees at several places to a low of 13 degrees at Morris Plains. Rainfall averaged 1.50 inches in the North and 1.53 inches in the South. No significant snow fell in November.
- December : December featured slightly below normal temperatures and slightly above normal precipitation. Temperature extremes were 64 degrees at several locations and -10 degrees at Newton. Precipitation averaged 4.67 inches in the North and 4.22 inches in the South. The only significant snowfalls came on the 15th and 16th with locations in the North reporting between 5 and 10 inches.

Frank H. Ruggiero
Agricultural Meteorologist

SOURCE: Department of Meteorology and Physical Oceanography, Cook College, Rutgers University.

THE DROUGHT OF 1980 - 1981

The drought that had begun in the summer of 1980 reached a climax in January of 1981 when most areas of the state recorded one of their driest January's ever. Except in March when precipitation averaged over two and a half inches below normal, conditions gradually returned to normal.

While it still took many months for reservoirs to reach adequate levels again, farmers fared much better in 1981 than they had in 1980. Precipitation for the 1981 growing season (Fig. 1) was slightly below the long term average (Fig. 2) due primarily to the dry March. However, precipitation for the crucial period of May to September in 1981 (Fig. 3) was much higher than in 1980 and approached the long term average (Fig. 4). The corn and soybean crops were not adversely affected as they had been in 1980.

FIGURE 1. GROWING SEASON (MARCH THROUGH OCTOBER.) PRECIPITATION

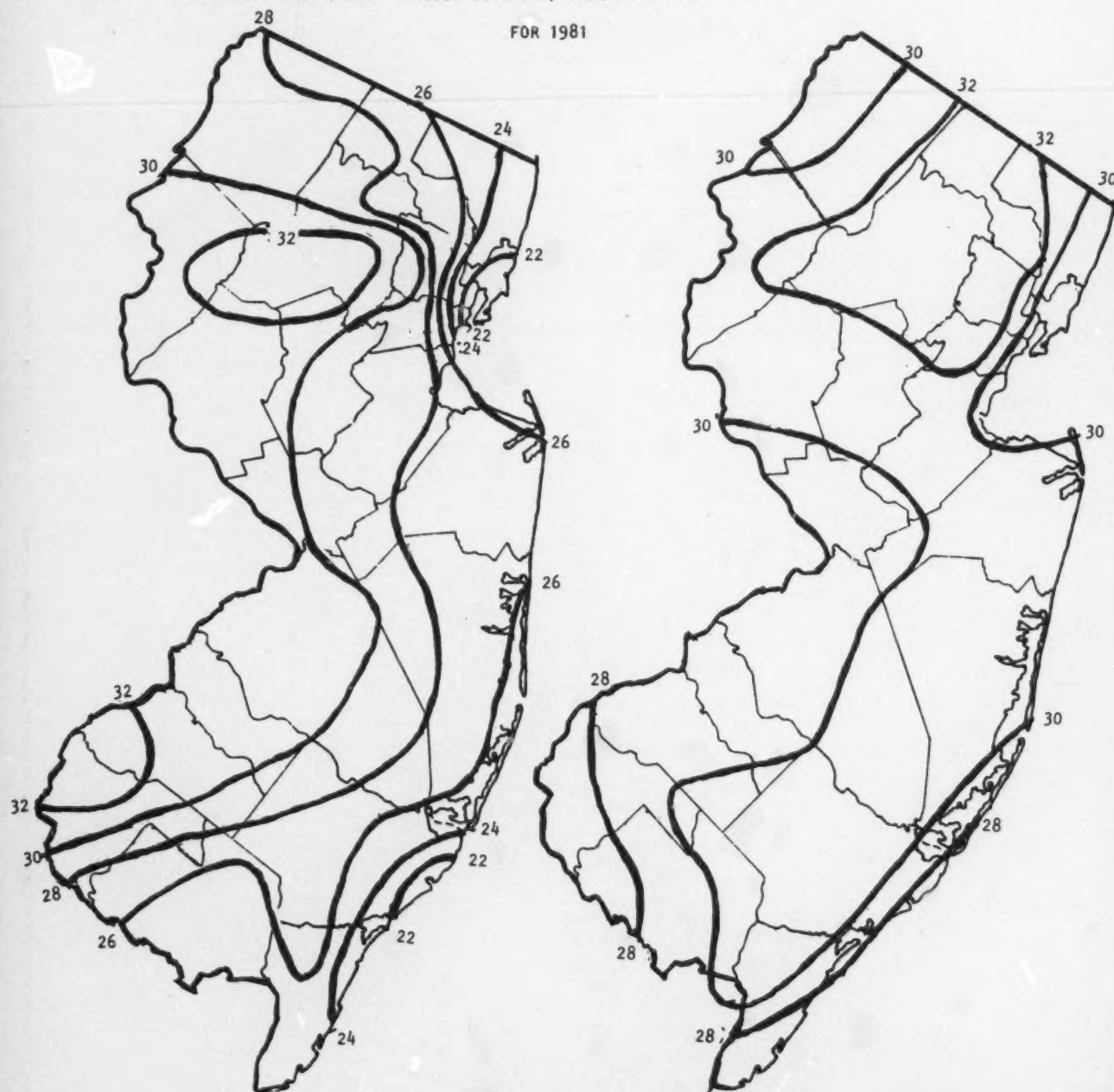


FIGURE 2. LONG TERM AVERAGE (1940-70) GROWING SEASON PRECIPITATION.

NEW JERSEY

FIGURE 3. MAY-SEPTEMBER PRECIPITATION FOR 1981.

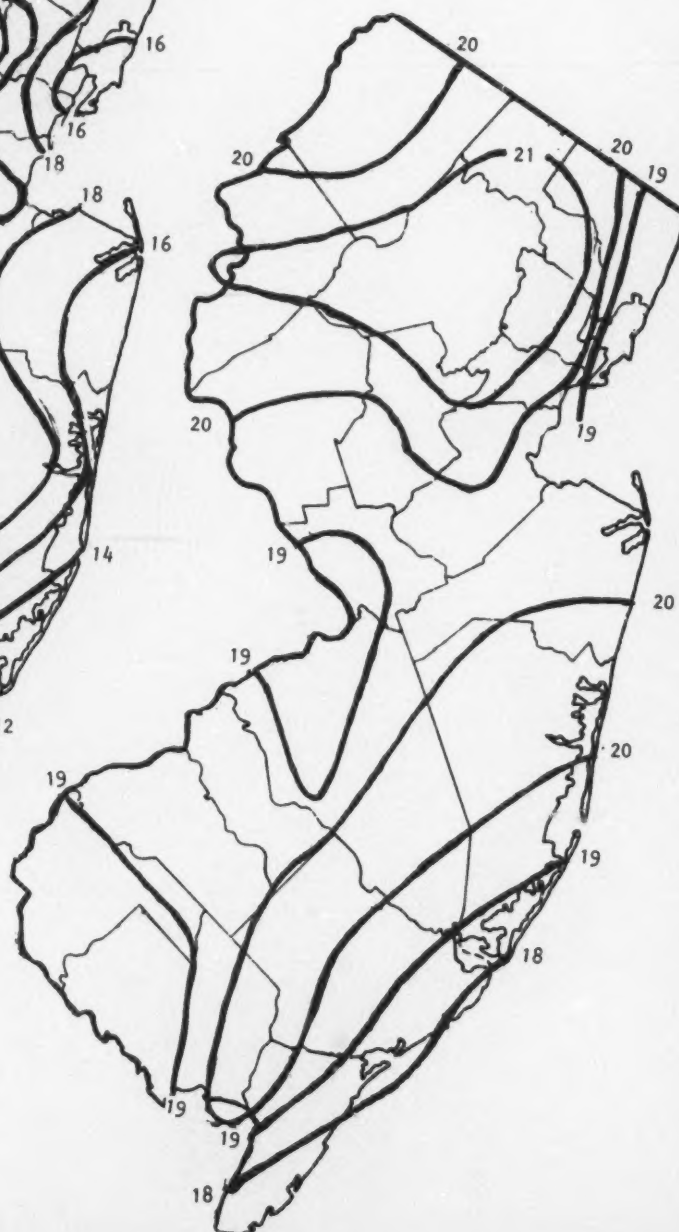
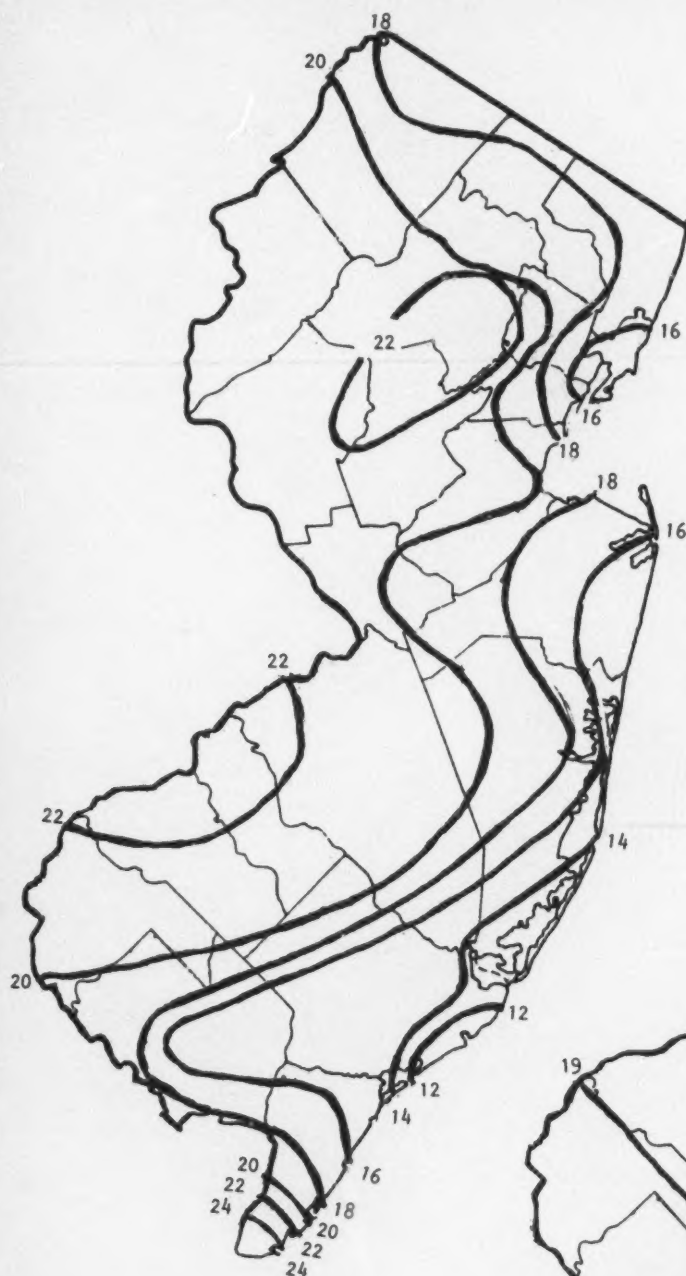


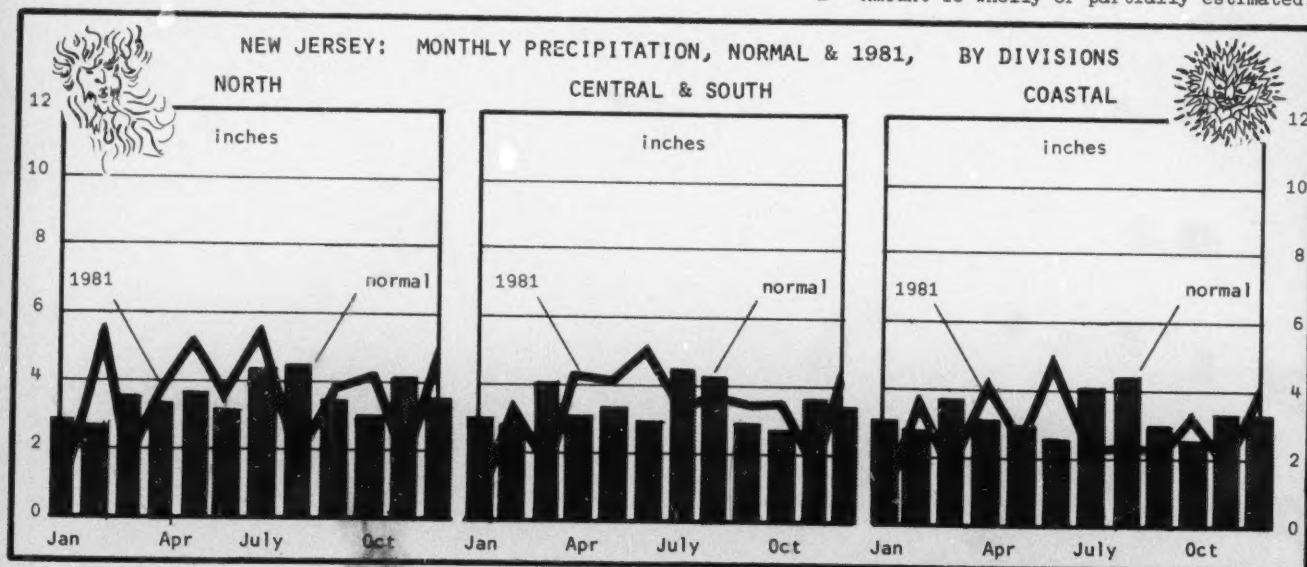
FIGURE 4. LONG-TERM AVERAGE (1941-70) MAY-SEPTEMBER PRECIPITATION.

NEW JERSEY: MONTHLY AND ANNUAL PRECIPITATION AT SELECTED STATIONS AND BY STATE DIVISIONS, 1981 1/

Division, county and station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Change from normal
-- inches --														
NORTH DIVISION:	.62	5.37	1.31	3.62	5.13	3.63	5.36	1.52	3.82	4.05	1.50	4.66	40.59	- 4.38
Essex, Newark	.45	4.81	1.10	3.15	3.88	2.61	4.51	.57	3.42	3.47	1.75	5.32	35.04	- 6.41
Canoe Brook	.51	6.10	1.92	3.18	4.96	3.01	5.81	1.99	6.75	4.02	1.40	5.45	45.10	- 1.76
Hunterdon, Lambertville ..	.50	4.49	1.50	5.09	5.83	4.34	4.70	2.31	2.48	3.39	1.62	4.85	41.10	- 1.32
Flemington ..	.77	4.82	1.80	3.51	6.23	4.19	5.29	2.56	3.72	3.78	1.49	4.98	43.14	- .96
Morris, Boonton	.56	6.85	1.22	3.17	4.24	3.48	7.37	1.16	3.32	3.59	1.31	E4.30	E40.57	- 4.36
Morris Plains ..	.51	6.15	1.25	3.72	5.72	3.04	9.65	1.60	3.96	4.46	1.29	3.98	45.33	- 2.23
Passaic, Little Falls ..	.47	6.97	1.15	3.45	4.87	3.61	5.43	1.45	3.80	4.03	1.33	E5.01	E41.57	- 5.59
Somerset, Somerville ...	.53	4.29	E1.67	3.46	5.01	3.74	4.37	2.09	5.98	4.14	1.52	4.84	E41.64	- 1.75
Sussex, Newton	.62	5.50	1.02	4.00	5.45	4.50	7.21	1.07	2.61	3.71	1.43	3.63	40.75	- 1.32
Sussex ..	.94	4.54	.77	4.53	6.17	3.28	4.41	.85	2.78	4.95	1.52	4.06	38.80	- 4.66
Union, Plainfield	.66	5.18	1.39	3.44	4.32	4.51	4.10	1.37	5.53	3.65	1.55	4.75	40.45	- 6.52
Warren, Belvidere	.65	4.75	1.55	3.31	5.60	4.29	3.01	2.04	E3.60	5.12	1.56	E4.57	E40.05	- 5.56
CENTRAL & SOUTH DIVISION:	.48	3.58	1.61	4.36	4.20	4.99	3.09	3.78	3.34	3.44	1.64	4.25	38.76	- 4.34
Burlington, Indian Mills	.59	3.55	1.83	3.69	3.69	.78	3.87	5.14	2.89	3.46	1.63	4.02	40.34	- 2.56
Pemberton ..	.72	3.94	2.07	4.21	4.32	6.92	3.80	3.94	2.40	4.15	1.83	4.10	42.40	- .89
Mercer, Hightstown	.37	3.48	1.54	3.79	4.89	4.63	3.92	3.03	3.09	3.54	E2.81	4.42	E39.51	- 2.75
Trenton	.35	3.62	.93	3.91	4.33	5.37	3.53	3.09	3.71	E3.77	E2.12	E4.63	E39.36	- .81
Middlesex, New Brunswick	.50	4.27	1.64	3.11	3.80	3.21	4.48	2.12	6.64	3.29	2.32	4.62	40.00	- 3.23
Monmouth, Freehold	.46	4.82	1.49	3.85	3.85	4.36	3.10	2.04	2.22	3.55	2.54	4.15	36.43	- 8.29
Ocean, Toms River	.48	4.39	1.27	3.90	2.57	8.46	3.50	1.52	2.90	3.48	1.38	5.15	39.00	- 7.18
Atlantic, Hammonton	.66	3.52	1.54	4.34	3.35	4.74	4.43	3.15	3.74	3.82	1.45	3.93	38.67	- 5.73
Atlantic City, Airport ..	.56	3.72	1.41	6.20	3.18	4.91	1.28	3.25	1.96	2.96	1.12	3.94	34.49	-10.97
Camden, Audubon	.48	2.98	1.50	4.01	5.95	5.03	3.64	4.44	3.86	3.10	1.36	4.24	40.59	- 1.63
Cape May, Belleplain ...	.57	3.59	1.72	5.07	3.13	E4.66	1.83	5.62	3.83	2.62	1.92	3.87	E38.43	- 6.97
Cumberland, Millville ..	.21	3.10	1.45	4.43	3.97	1.73	1.55	3.84	4.32	3.23	1.26	3.70	32.79	- 8.67
Shiloh	.37	2.15	1.43	3.55	5.66	2.88	2.38	5.24	3.67	2.34	.78	3.78	34.23	- 6.03
Gloucester, Glassboro ..	.54	3.29	1.91	3.73	6.13	5.98	3.82	5.84	3.40	3.17	1.23	4.20	43.24	- .30
Salem, Woodstown	.52	2.84	2.21	4.87	5.55	5.35	2.76	4.20	3.60	4.01	1.08	4.04	41.03	--
COASTAL DIVISION:	.39	3.72	1.62	4.05	2.73	4.97	2.08	2.40	2.11	3.47	1.75	4.11	33.40	- 8.13
Atlantic City	.35	4.08	1.98	4.96	2.16	2.49	.57	3.75	2.09	2.98	1.28	3.83	30.52	-10.59
Cape May	.40	E3.25	1.71	3.59	3.40	7.47	1.43	2.55	2.10	3.46	1.67	4.10	E35.13	--
Long Branch	E .41	3.82	1.67	5.04	2.64	4.96	3.50	1.95	2.59	4.27	2.07	4.41	E37.33	- 8.13
-- departure from normal (inches) --														
DIVISIONS:														
North	-2.43	2.46	-2.63	-.14	1.18	.16	.73	-3.13	.21	.94	-2.59	.86		- 4.38
Central and South	-2.61	.50	-2.40	.99	.64	1.74	-1.57	-.67	.01	.45	-2.13	.61		- 4.34
Coastal	-2.85	.57	-2.33	.81	-.49	2.06	-1.95	-2.12	-.99	.56	-1.88	.48		- 8.13

1/ SOURCE: NOAA Weather Bureau.

E - Amount is wholly or partially estimated.



NEW JERSEY: AVERAGE MONTHLY AND ANNUAL TEMPERATURE AT SELECTED STATIONS AND BY STATE DIVISION, 1981 1/

Division, county and station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	Change from normal
-- degrees --														
NORTH DIVISION:	20.4	34.9	36.8	51.6	60.3	68.6	74.2	70.3	63.4	49.3	42.7	30.2	50.2	-1.1
Essex, Newark	24.1	37.6	40.2	55.3	64.0	74.6	79.3	75.1	67.2	53.1	46.0	34.6	54.3	.4
Canoe Brook	19.8	34.3	37.1	52.1	59.7	68.4	73.8	70.5	62.8	49.2	43.2	30.5	50.1	-.5
Hunterdon, Flemington ..	22.1	35.8	37.6	52.0	61.3	69.7	75.2	70.9	64.0	49.6M	43.1	31.5M	51.1M	-.8
Morris, Morris Plains ..	20.9	34.9	37.4	52.0	59.9	68.4	73.6	69.0	60.9	47.1	41.3	28.3	49.5	--
Passaic, Little Falls ..	21.4	35.3	38.4	53.4	61.0	70.4	76.1	72.3	64.2	50.1	44.0	31.6	51.5	-1.1
Somerset, Somerville ...	20.6	34.7	35.9M	51.8	60.9	69.1	74.1	71.0	63.2	48.7	42.9	30.7	50.3M	-2.0
Sussex, Newton	15.8	32.0	34.3	49.4	57.3	66.1	71.3	67.7	61.0	45.7	40.2	27.0	47.3	-1.7
Sussex	16.9	33.0	35.0	50.1	58.3	66.7	72.2	68.3	61.2	46.5	40.9	27.0	48.0	-1.1
Union, Plainfield	24.3	37.1	40.0	54.4	62.9	71.1	76.6	72.3	65.2	51.7	44.8	33.6	52.8	-.1
Warren, Belvidere	21.6	35.3	37.1	51.0M	59.4M	67.6	73.1	70.0	63.2	48.9M	43.2M	--	--	--
CENTRAL & SOUTH DIVISION:	25.4	37.7	39.6	54.7	61.7	71.6	76.3	72.3	66.1	52.6	45.1	34.3	53.1	-.6
Burlington, Indiar Mills	25.5	38.6	39.4	55.5	62.0	71.5	75.9	71.8	65.7	52.3	44.8	33.6	53.1	.2
Pemberton ..	25.5	38.3	39.1	55.0	61.3	71.3	75.1	71.2	65.6	52.7	44.4	34.3	52.8	-.9
Mercer, Hightstown	23.5	36.7	37.9	53.8	61.3	69.8	75.6	71.6	64.7	51.2	44.2	33.7	52.0	-.9
Trenton	26.1	38.6	40.8	55.3	63.2	72.7	77.5	73.2	66.8	--	--	--	--	--
Middlesex, New Brunswick	22.7	36.0	38.4	53.6	61.5	70.7	76.2	71.7	64.8	50.4	44.0	32.8	51.9	-1.3
Monmouth, Freehold	22.3M	35.9	37.8	53.1	60.5M	69.4	75.3	70.9	63.6M	51.1M	43.8	33.3	51.4M	-1.6
Ocean, Toms River	24.6	36.6	38.6	53.7M	61.3	70.4	75.7M	71.5M	M	51.0M	44.9M	33.7M	--	--
Atlantic, Hammonton	25.6	38.6	39.9	55.3	62.0	71.4M	76.5	72.0	65.4	51.9M	45.4	34.1	53.2M	-1.2
Camden, Audubon	27.6M	40.0	41.8	55.9	63.1	73.0	77.3	73.7	66.8	53.5	46.1	35.7	54.5M	--
Cape May, Belleplain ...	26.8M	38.0M	41.3M	55.1M	60.1M	70.5M	74.1M	69.7M	65.3M	53.0	45.3	34.5M	52.8M	--
Cumberland, Millville ..	26.5	38.2	40.5	55.0	62.2	72.7	77.1	72.9	66.7	53.4	45.3	35.2	53.8	--
Gloucester, Glassboro ..	25.3	37.6	39.8	55.5	62.0	71.7	76.7	73.0	66.6	52.7	45.7M	34.4	53.4M	-.8
Salem, Woodstown	26.7	39.3	41.1	56.4	63.6	73.5M	77.5	73.4	67.2	53.8M	46.1	34.9M	54.5M	--
COASTAL DIVISION:	27.2	36.7	39.6	52.7	59.6	70.4	76.4	73.1	67.1	54.0	46.4	36.3	53.3	-.8
Atlantic City	29.9	39.1	41.4	53.2	60.7	71.4	77.5	74.7	67.3	54.6	46.9	37.9	54.6	.3
Cape May	28.5	37.6	41.4	53.2	60.3	71.5	76.6	72.8	68.2	55.2	46.5	36.7	54.0	--
Long Branch	23.2	35.1	37.2	51.8	57.9	68.2M	73.9	70.4	64.2	51.8	45.7	34.3	51.1M	-1.9

-- departure from normal (degrees) --

DIVISIONS:														
North	-8.2	4.7	-1.7	1.6	.5	-.3	.7	-1.3	-1.5	-5.3	-.8	-1.4		-1.1
Central and South	-6.7	4.2	-1.6	3.0	-.1	.9	1.1	-1.1	-1.0	-4.1	-.8	-.5		-.6
Coastal	-6.5	2.2	-1.3	2.1	-.5	.9	1.7	-.6	-1.0	-4.6	-1.5	-.6		-.8

1/ SOURCE: NOAA Weather Bureau.

M - One or more days record missing; if average value is entered, less than 10 days record is missing.

NEW JERSEY: AVERAGE DATES OF LAST OCCURRENCE IN SPRING AND FIRST OCCURRENCE IN FALL
OF 32°, 28°, AND 24° AND AVERAGE LENGTHS OF FREEZE-FREE PERIOD, SELECTED STATIONS 1/

County	Station	Years of record 2/	Average dates of last occurrence in spring of:			Average dates of first occurrence in fall of:			Average number of days between dates for 32°
			32°	28°	24°	32°	28°	24°	
Sussex	Sussex	28	May 6	Apr. 23	Apr. 1	Oct. 5	Oct. 17	Oct. 30	152
Warren	Belvidere	30	Apr. 26	Apr. 12	Mar. 23	Oct. 13	Oct. 27	Nov. 14	170
Morris	Boonton	30	Apr. 28	Apr. 13	Mar. 26	Oct. 9	Oct. 22	Nov. 7	164
Hunterdon	Flemington	30	Apr. 29	Apr. 16	Mar. 30	Oct. 13	Oct. 23	Nov. 9	167
Middlesex	New Brunswick	30	Apr. 18	Apr. 4	Mar. 21	Oct. 19	Nov. 3	Nov. 18	184
Monmouth	Freehold	29	Apr. 23	Apr. 7	Mar. 24	Oct. 18	Nov. 2	Nov. 17	178
Mercer	Trenton	30	Apr. 4	Mar. 26	Mar. 14	Nov. 8	Nov. 21	Nov. 30	218
Burlington	Pemberton	30	Apr. 24	Apr. 8	Mar. 23	Oct. 15	Oct. 29	Nov. 15	174
Gloucester	Clayton	10	Apr. 12	Mar. 25	Mar. 20	Oct. 29	Nov. 7	Nov. 14	200
Atlantic	Hammonton	28	Apr. 21	Apr. 6	Mar. 21	Oct. 16	Oct. 31	Nov. 17	178
Cumberland	Shiloh	27	Apr. 15	Mar. 30	Mar. 19	Oct. 25	Nov. 9	Nov. 25	193
Cape May	Cape May	19	Mar. 31	Mar. 19	Mar. 5	Nov. 17	Nov. 30	Dec. 9	231

1/ For the period 1931-1960 or that portion of this period for which data are available.

2/ Minimum number of years included in spring or fall averages.

SOURCE: U.S. Department of Commerce, Climate of the States, New Jersey, revised March 1967.

NEW JERSEY: VEGETABLE CROP SUMMARY, 1981

Total value of the major fresh market and processing vegetable crops in the Garden State was valued at \$92.0 million in 1981, 32 percent above the \$69.5 million in 1980 and 27 percent above the \$72.7 million in 1979. Fresh market vegetables were valued at \$75.5 million in 1981 compared with \$58.4 million in 1980 -- up 29 percent. Value of processing vegetables in 1981 was \$16.5 million compared with \$11.1 million in 1980 -- up 49 percent. In 1981, fresh market vegetables and processing vegetables accounted for 82 percent and 18 percent, respectively of the value of all major vegetables, unchanged from 1980.

Fresh market gross value per acre averaged \$1,784 in 1981 and compared with \$1,361 in 1980. Processing vegetables gross value per acre averaged \$1,019 in 1981 and compared with \$723 in 1980, an increase of 41 percent.

Area harvested for the principle fresh market and processing vegetables in 1981 totaled 58,490 acres -- relatively unchanged from the record low 58,290 acres harvested in 1980.

There were 42,300 acres of fresh market vegetables harvested in 1981 compared with 42,930 in 1980--down 1 percent and 5 percent below the 44,510 acres harvested in 1979. Processing vegetable acreage at 13,900 in 1981 compared with 13,200 in 1980 and 17,500 in 1979.

Fresh market vegetable crops with increased planted acreage in 1981 included sweet corn, eggplant, escarole, lettuce, spinach and tomatoes. Planted acreage of snap beans, cabbage, cucumbers, onions and peppers declined.

Combined production for both fresh market and processing crops totaled 379,140 tons -- up 24 percent from the 306,070 tons in 1980. Fresh market production at 230,300 tons in 1981 compared with 200,900 tons in 1980 -- up 15 percent. Processing vegetables at 148,840 tons, compared with 105,170 tons -- up 42 percent.

The value of combined fresh market and processing tomatoes again ranked number one in dollar value among all vegetables. The \$29.0 million gross value of tomatoes accounted for 32 percent of the value of all major New Jersey vegetables in 1981. Value of the fresh market segment totaled \$20.6 million, while the value of the crop for processing totaled \$8.4 million. The total dollar value of tomatoes was 103 percent above 1980 and 35 percent above 1979. Increases in yield per acre, total production and season average price contributed to the sharp increase in total value.

Ranking fresh market vegetable crops by dollar value of production indicates tomatoes were first with a record high \$20.6 million and 113 percent above the \$9.7 million in 1980. Sweet corn at \$9.8 million ranked second in value -- 16 percent above the \$8.4 million in 1980. Peppers were third with a value of \$7.7 million -- 1 percent below the \$7.8 million in 1980. Lower production in 1981 virtually offset the higher prices received. Lettuce ranked fourth with a value of \$7.2 million -- 46 percent above the \$5.0 million in 1980. Increased production from the fall crop and higher prices from the spring and fall crops more than offset the slightly lower production from the spring crop. Snap beans ranked fifth with a value of \$6.2 million--27 percent above the \$4.9 million in 1980. Lower prices for the early crop were offset by higher production of both early and late crops and higher prices for the late crop.

Cabbage ranked sixth with a value of \$5.9 million--28 percent below 1980. Sharply lower prices throughout the growing season offset the higher production. Cucumbers ranked eighth with a value of \$3.9 million, down 3 percent from the 1980 total of \$4.0 million. Lower prices more than offset the higher production. Escarole was seventh at \$4.1 million--32 percent above the \$3.1 million in 1980. Larger production from early and late crops and a higher price from the late supplies offset the lower price from the early harvest. Eggplant ranked ninth at \$3.2 million--up 49 percent from the 1980 total of \$2.1 million. Asparagus ranked tenth at \$2.3 million, an increase of 16 percent above the \$2.0 million value in 1980. Higher production more than offset the lower season average price.



NEW JERSEY: VEGETABLE CROPS, 1979-1981

NEW JERSEY: VEGETABLE CROPS, 1979-1981						
Year	Acres harvested	Yield per acre (cwt.)	Production (thou. cwt.)	Season average price per cwt. (dollars)	Value	
					Total (thou. dol.)	Per acre (dollars)
<u>ASPARAGUS, Jan. - June, fresh market and processing</u>						
1979	1,600	17	27	81.60	2,203	1,377
1980	1,500	15	23	85.30	1,962	1,308
1981	1,500	19	29	78.50	2,277	1,518
<u>CABBAGE, Jan. - June, fresh market</u>						
1979	600	250	150	9.40	1,410	2,350
1980	700	220	154	12.50	1,925	2,750
1981	700	220	154	6.76	1,041	1,487
<u>CABBAGE, July - Dec., fresh market</u>						
1979	3,500	182	636	6.47	4,114	1,175
1980	3,100	210	651	9.56	6,222	2,007
1981	2,700	260	702	6.89	4,837	1,791
<u>CUCUMBERS, July - Dec., fresh market</u>						
1979	1,700	140	238	15.00	3,570	2,100
1980	1,700	150	255	15.70	4,004	2,355
1981	1,700	155	264	14.70	3,881	2,283
<u>EGGPLANT, July - Dec., fresh market</u>						
1979	1,000	145	145	17.80	2,581	2,581
1980	1,000	150	150	14.10	2,115	2,115
1981	1,100	190	209	15.10	3,156	2,869
<u>ESCAROLE, Jan. - June, fresh market</u>						
1979	310	180	56	25.50	1,428	4,606
1980	290	190	55	18.10	996	3,434
1981	450	200	90	17.20	1,548	3,440
<u>ESCAROLE, July - Dec., fresh market</u>						
1979	690	180	124	17.20	2,133	3,091
1980	660	185	122	17.30	2,111	3,198
1981	700	190	133	19.30	2,567	3,667
<u>LETTUCE, Jan. - June, fresh market</u>						
1979	1,400	165	231	9.89	2,285	1,632
1980	1,300	185	241	9.66	2,328	1,791
1981	1,200	195	234	10.30	2,410	2,008
<u>LETTUCE, July - Dec., fresh market</u>						
1979	1,300	191	248	10.10	2,504	1,926
1980	1,300	210	273	9.65	2,635	2,027
1981	1,700	240	408	12.10	4,937	2,904

NEW JERSEY: VEGETABLE CROPS, 1979-1981

NEW JERSEY: VEGETABLE CROPS, 1979-1981						
Year	Acres harvested	Yield per acre (cwt.) 1/	Production (thou. cwt.) 1/	Season average price per cwt. 1/ (dollars)	Value	
					Total (thou. dol.)	Per acre (dollars)
<u>ONIONS, dry, fresh market and processing, late crop</u>						
1979	790	145	115	11.90	1,369	1,733
1980	680	110	75	12.20	915	1,346
1981	650	160	104	15.40	1,602	2,465
<u>PEPPERS, July - Dec., fresh market and processing</u>						
1979	8,100	54	440	17.10	7,539	931
1980	6,700	71	475	16.40	7,792	1,163
1981	6,500	65	423	18.20	7,685	1,182
<u>SNAP BEANS, Jan. - June, fresh market</u>						
1979	500	34	17	25.30	430	860
1980	900	40	36	28.10	1,012	1,124
1981	1,000	40	40	21.80	872	872
<u>SNAP BEANS, July - Dec., fresh market</u>						
1979	5,000	35	176	25.20	4,428	886
1980	5,800	30	176	21.80	3,841	662
1981	3,800	52	198	26.70	5,287	1,391
<u>SWEET CORN, July - Dec., fresh market</u>						
1979	9,800	70	686	10.30	7,066	721
1980	9,500	73	694	12.10	8,397	884
1981	10,100	78	788	12.40	9,771	967
<u>SPINACH, Jan. - June, fresh market</u>						
1979	700	70	49	30.20	1,480	2,114
1980	700	77	54	24.10	1,301	1,859
1981	1,200	70	84	18.90	1,588	1,323
<u>SPINACH, July - Dec., fresh market</u>						
1979	500	65	33	43.40	1,432	2,864
1980	600	74	44	27.60	1,214	2,023
1981	700	75	53	29.20	1,548	2,211
<u>TOMATOES, July - Dec., fresh market</u>						
1979	6,600	80	528	27.60	14,573	2,208
1980	6,500	83	540	17.90	9,666	1,487
1981	6,600	105	693	29.70	20,582	3,118
<u>CUCUMBERS for pickles</u>						
1979	1,400	6.9	9.6	154.00	1,478	1,056
1980	1,400	8.0	11.2	167.00	1,870	1,336
1981	1,100	9.5	10.5	165.00	1,726	1,569

1/ Yield per acre, production and season average price of cucumbers for pickles in tons; all other crops in hundredweight.

NEW JERSEY: VEGETABLE CROPS, 1979-1981

Year	Acres harvested	Yield per acre (cwt.) 1/	Production (thou. cwt.) 1/	Season average price per cwt. 1/ (dollars)	Value	
					Total (thou. dol.)	Per acre (dollars)

SNAP BEANS, for processing

1979	6,800	2.1	14.4	172.00	2,480	365
1980	6,400	2.6	16.9	191.00	3,228	504
1981	7,400	2.8	20.5	205.00	4,203	568

TOMATOES, for processing

1979	7,000	14.0	98.0	70.20	6,880	983
1980	5,400	11.5	62.0	74.20	4,600	852
1981	5,400	18.0	97.0	86.60	8,398	1,555

1/ Yield per acre, production and season average price of snap beans for processing and tomatoes for processing in tons.

NEW JERSEY: ALL COMMERCIAL VEGETABLES, ACREAGE, PRODUCTION AND VALUE, 1969-1981

Year	Acres harvested			Production (tons)			Value (thousand dollars)		
	For fresh market	For processing	Total	For fresh market	For processing	Total	For fresh market	For processing	Total
1969	65,660	35,720	101,380	275,800	266,650	542,450	36,836	13,813	50,649
1970	62,260	34,710	96,970	267,250	333,150	600,400	37,056	17,209	54,265
1971	60,780	33,120	93,900	249,900	264,550	514,450	38,874	14,091	52,965
1972	59,600	30,390	89,990	235,200	221,000	456,200	40,915	12,956	53,871
1973	55,880	32,050	87,930	240,950	222,950	463,900	49,177	14,396	63,573
1974	51,510	34,100	85,610	243,350	291,300	534,650	48,423	28,078	76,501
1975	47,740	27,570	75,310	217,300	210,750	428,050	48,435	17,748	66,183
1976	49,330	14,300	63,630	226,200	214,050	440,250	52,231	13,962	66,193
1977	48,430	14,800	63,230	219,350	163,450	382,800	56,119	10,694	66,813
1978	43,250	19,050	62,300	198,500	139,550	338,050	57,529	10,136	67,665
1979	44,990	16,600	61,590	196,650	133,610	330,260	61,905	10,800	72,705
1980	43,830	14,460	58,290	202,800	103,270	306,070	60,769	8,765	69,534
1981	43,200	15,290	58,490	232,450	146,690	379,140	78,313	13,549	91,862

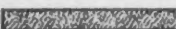
NEW JERSEY: TOMATOES, FRESH MARKET AND PROCESSING, BY COUNTIES, 1980-1981

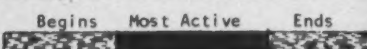
County	Acres ha: vested					
	Fresh market	Processing	Total	Fresh market	Processing	Total
	<u>1980</u>			<u>1981</u>		
NORTH DISTRICT:						
Bergen	100	--	100	1/	1/	1/
Hunterdon	300	--	300	200	--	200
Morris	100	--	100	1/	1/	1/
Sussex	200	--	200	200	--	200
Warren	100	--	100	1/	1/	1/
CENTRAL DISTRICT:						
Burlington	400	200	600	400	200	600
Middlesex	200	--	200	1/	1/	1/
Monmouth	800	--	800	900	--	900
Ocean	100	--	100	1/	1/	1/
SOUTH DISTRICT:						
Atlantic	300	300	600	100	400	500
Camden	400	--	400	400	--	400
Cape May	100	--	100	1/	1/	1/
Cumberland	400	900	1,300	400	900	1,300
Gloucester	1,700	1,700	3,400	2,200	1,400	3,600
Salem	1,000	2,200	3,200	1,100	2,400	3,500
Other counties	300	100	400	700	100	800
STATE	6,500	5,400	11,900	6,600	5,400	12,000

1/ Included with other counties to avoid disclosure of individual operations.

NEW JERSEY: VEGETABLES, FRESH AND PROCESSING
USUAL PLANTING AND HARVESTING DATES

	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Asparagus.....										
Broccoli.....										
Cabbage.....										
Cantaloups.....										
Carrots.....										
Cauliflower.....										
Cucumbers.....										
Eggplant.....										
Escarole.....										
Lettuce.....										
Lima beans.....										
Mushrooms.....										
Onions.....										
Peas.....										
Peppers.....										
Pumpkins.....										
Snap beans.....										
Spinach.....										
Sweet corn.....										
Tomatoes.....										

Planting 

Harvest  Begins Most Active Ends

NEW JERSEY: ASPARAGUS, CABBAGE AND LETTUCE FOR FRESH MARKET, BY COUNTIES, 1980-1981

County	Acres harvested					
	1980	1981	1980	1981	1980	1981
	<u>Asparagus 1/</u>		<u>Cabbage</u>		<u>Lettuce</u>	
NORTH DISTRICT:						
Morris	--	--	50	100	--	--
Warren	--	--	150	100	150	150
CENTRAL DISTRICT:						
Burlington	--	150	200	100	--	--
Mercer	--	--	50	50	--	--
Middlesex	--	--	200	100	--	--
Monmouth	--	--	550	400	100	100
SOUTH DISTRICT:						
Atlantic	--	--	550	550	300	300
Camden	--	100	--	--	--	--
Cumberland	200	150	1,100	1,200	1,800	2,000
Gloucester	700	600	300	300	100	150
Salem	500	450	400	250	--	100
Other counties	100	50	250	250	150	100
STATE	1,500	1,500	3,800	3,400	2,600	2,900

NEW JERSEY: SWEET CORN, ONIONS AND PEPPERS FOR FRESH MARKET, BY COUNTIES, 1980-1981

County	Acres harvested					
	1980	1981	1980	1981	1980	1981
	<u>Sweet Corn</u>		<u>Onions, dry</u>		<u>Peppers</u>	
NORTH DISTRICT:						
Bergen	100	100	--	--	--	--
Essex	100	100	--	--	--	--
Hunterdon	200	200	--	--	--	--
Morris	400	450	--	--	--	--
Somerset	200	200	--	--	--	--
Sussex	450	500	--	--	--	--
Warren	750	600	50	50	--	--
CENTRAL DISTRICT:						
Burlington	2,400	2,600	--	--	100	100
Mercer	200	250	--	--	--	--
Middlesex	200	250	--	--	--	--
Monmouth	1,000	1,450	--	--	300	450
Ocean	450	200	--	--	--	--
SOUTH DISTRICT:						
Atlantic	550	500	--	--	600	600
Camden	650	600	--	--	100	150
Cape May	300	300	--	--	--	--
Cumberland	350	500	450	420	1,700	1,500
Gloucester	650	700	50	40	1,900	1,800
Salem	350	500	50	40	1,700	1,600
Other counties	200	100	80	100	300	300
STATE	9,500	10,100	680	650	6,700	6,500

NEW JERSEY: MONTHLY UNLOADS OF MARKET VEGETABLES AT 41 U.S. CITIES, 1979-1981 1/

Crop and year	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	Season totals
-- 1,000 cwt. --														
ASPARAGUS:														
1979	1	4	3	--	--	--	--	--	--	--	--	--	--	8
1980	--	4	2	--	--	--	--	--	--	--	--	--	--	6
1981	1	3	2	--	--	--	--	--	--	--	--	--	--	6
BEANS, all:														
1979	--	--	14	27	21	18	7	--	--	--	--	--	--	87
1980	--	--	16	31	10	21	13	--	--	--	--	--	--	91
1981	--	--	14	29	17	26	10	--	--	--	--	--	--	96
BEEETS:														
1979	--	4	7	3	3	2	3	2	--	--	--	--	--	24
1980	--	--	3	2	1	3	3	2	1	--	--	--	--	15
1981	--	--	5	3	3	3	3	2	1	--	--	--	--	20
BROCCOLI:														
1979	--	--	--	--	--	1	2	1	--	--	--	--	--	4
1980	--	--	--	--	--	--	1	1	--	--	--	--	--	2
1981	--	--	--	--	--	2	2	2	--	--	--	--	--	6
CABBAGE:														
1979-80	--	2	69	81	38	26	40	17	4	4	1	--	--	282
1980-81	--	1	62	81	33	28	54	26	3	--	--	--	--	288
1981-82	--	1	67	81	38	41	40	34	14	--	--	--	--	316
CANTALOUPS:														
1979	--	--	--	7	14	--	--	--	--	--	--	--	--	21
1980	--	--	--	9	15	1	--	--	--	--	--	--	--	25
1981	--	--	--	18	17	1	--	--	--	--	--	--	--	36
CELERY:														
1979	--	--	--	2	2	2	2	1	--	--	--	--	--	9
1980	--	--	--	2	4	2	1	1	--	--	--	--	--	10
1981	--	--	--	--	2	--	1	--	--	--	--	--	--	3
CORN, sweet:														
1979	--	--	1	56	39	8	1	--	--	--	--	--	--	105
1980	--	--	1	70	44	7	--	--	--	--	--	--	--	122
1981	--	--	2	83	36	11	--	--	--	--	--	--	--	132
CUCUMBERS:														
1979	--	--	11	83	52	22	8	1	--	--	--	--	--	177
1980	--	--	13	97	57	28	6	1	--	--	--	--	--	202
1981	--	--	16	106	44	33	10	1	--	--	--	--	--	210
EGGPLANT:														
1979	--	--	1	6	34	20	9	--	--	--	--	--	--	70
1980	--	--	--	10	29	23	14	--	--	--	--	--	--	76
1981	--	--	--	10	33	34	15	1	--	--	--	--	--	93
ESCAROLE:														
1979	--	9	25	16	14	12	22	6	--	--	--	--	--	104
1980	--	5	29	16	11	10	22	12	--	--	--	--	--	105
1981	--	3	27	17	14	16	21	15	1	--	--	--	--	114
LETTUCE:														
1979	--	24	92	24	14	12	49	23	--	--	--	--	--	238
1980	--	15	77	48	14	6	59	18	--	--	--	--	--	237
1981	--	21	81	28	15	18	42	37	2	--	--	--	--	244
ONIONS:														
1979	--	1	1	21	20	7	3	1	--	--	--	--	--	54
1980	--	--	--	10	11	3	2	--	--	--	--	--	--	26
1981	--	--	--	15	7	4	4	2	--	--	--	--	--	32
PEPPERS:														
1979	--	--	1	17	46	17	7	1	--	--	--	--	--	89
1980	--	--	1	29	64	29	19	2	--	--	--	--	--	144
1981	--	--	--	28	55	39	21	3	--	--	--	--	--	146
SPINACH:														
1979	12	18	6	2	1	1	11	6	1	--	--	--	--	58
1980	15	19	10	4	--	4	12	10	3	--	--	--	--	77
1981	15	18	9	3	1	5	11	9	4	--	--	--	--	75
TOMATOES:														
1979	--	--	1	50	48	12	2	--	--	--	--	--	--	113
1980	--	--	--	59	42	14	4	--	--	--	--	--	--	119
1981	--	--	1	65	61	24	6	1	--	--	--	--	--	158

1/ See inside back cover for conversion factors.

SOURCE: Fruit & Vegetable Market News Service, C&MS, U.S. Department of Agriculture.

NEW JERSEY: FRUIT AND BERRY CROP SUMMARY, 1981

Utilized production of the five major fruit and berry crops in New Jersey decreased 12 percent from 1980. Production of blueberries and strawberries was higher while apples, peaches and cranberries were lower. Value of production of these five fruit crops was \$64.0 million in 1981, up 7 percent from 1980. Season average prices for all five crops increased considerably from 1980 prices. Peaches continued to rank number one in value of production. Blueberries placed second followed by apples, cranberries and strawberries in that order.



Peach production in New Jersey declined to 90 million pounds compared with 110 million pounds in 1980. Spring freezes hindered fruit set, especially in northern production areas. Fruit quality and size were generally excellent. For the second year in a row, dry weather came to late in the growing season to affect the sizing of peaches. The season average price of 23.90 cents per pound in 1981 was up 3.1 cents from 1980. Value of production amounted to \$21.5 million, down 6 percent from the record high \$22.9 million the previous year.

Gloucester was the leading peach producing county in New Jersey with 41.2 million pounds. Atlantic ranked second with 15.0 million pounds and Cumberland and Burlington were third and fourth with 9.0 and 8.0 million pounds respectively.

The 1981 apple crop totaled 95 million pounds, down 14 percent from the 110 million pounds produced in 1980. Yields were extremely varied in orchards around the State due to spring freezes and dry weather late in the growing season. The season average price was 13.00 cents per pound, up 3.4 cents from 1980. Value of production for the 1981 crop rose to \$12.3 million, up 17 percent from the preceding year. Red Delicious apples accounted for 34 percent of the New Jersey apple crop. The other leading varieties were Rome with 19 percent, Stayman at 16 percent, McIntosh at 7 percent and Golden Delicious at 6 percent. Apple production by county ranked Gloucester first with 25.0 million pounds, Burlington second with 12.4, Monmouth placed third with 10.7, Camden finished fourth with 9.5 million pounds followed closely by Atlantic with 9.0.

Blueberry production in New Jersey increased to a record high of 28 million pounds, up 8 percent from 1980. The area harvested declined by 300 acres to 7,800 acres. Despite the record production some growers reported freeze damage and winter kill and some gypsy moth damage. Weather conditions during the growing season were generally favorable for production. Dry conditions that began during harvest actually enhanced production. Prices received by growers increased to 65.0 cents per pound, up 4 cents from 1980. Value of production totaled \$18.2 million, up 15 percent from 1980 for a new record high.

Strawberry production increased to 43,000 hundredweight, up 13 percent from 1980. Yield per acre increased to 48 hundredweight. Some losses occurred from frost and excessive spring rain. Acres harvested held steady at 900 acres. The season average price of \$68.60 per hundredweight was up \$7.20 from 1980. Value of production at \$3.0 million was up 26 percent from the previous year.

Cranberry production in the Garden State totaled 228,000 barrels in 1981. This was a drop of 7 percent from the 245,000 barrels produced in 1980. Acres harvested remained unchanged from 1980 at 2,900. Yield per acre averaged 78.6 barrels, down from 84.5 barrels in 1980. Dry weather during the growing season caused berry size to be smaller than normal. Berry color and quality were excellent. The season average price was \$39.70 per barrel, up \$6.50 from 1980. Value of production reached \$9.1 million, up 11 percent from 1980 for a new record high.

NEW JERSEY: FRUIT AND BERRY PRODUCTION, UTILIZATION AND VALUE, 1976-1981

Crop year	Production 1/		Utilization		Season average price per unit	Value of production
	Total	Utilized	Fresh 2/	Processed		

APPLES (million pounds)

cents

thou. dol.

1976	90.0	90.0	44.0	46.0	9.10	8,190
1977	130.0	130.0	67.0	63.0	9.60	12,480
1978	90.0	90.0	54.0	36.0	11.30	10,170
1979	110.0	110.0	58.0	52.0	10.60	11,660
1980	110.0	110.0	52.0	58.0	9.60	10,572
1981	95.0	95.0	55.0	40.0	13.00	12,330

PEACHES (million pounds)

cents

1976	80.0	75.0	75.0	3/	16.20	12,150
1977	110.0	110.0	110.0	3/	17.00	18,700
1978	70.0	70.0	70.0	3/	23.60	16,520
1979	95.0	90.0	85.0	3/	16.90	15,210
1980	110.0	110.0	110.0	3/	20.80	22,880
1981	90.0	90.0	90.0	3/	23.90	21,510

BLUEBERRIES (thousand pounds)

cents

1976	26,334	26,334	16,599	9,735	45.5	11,970
1977	22,869	22,869	10,879	11,990	59.1	13,514
1978	22,308	22,308	11,418	10,890	69.4	15,482
1979	23,400	23,400	17,400	6,000	59.0	13,806
1980	26,000	26,000	20,000	6,000	61.0	15,860
1981	28,000	28,000	20,700	7,300	65.0	18,200

STRAWBERRIES (thousand cwt.)

dollars

1976	36	36	36	--	38.50	1,376
1977	39	39	39	--	49.60	1,934
1978	50	50	50	--	43.20	2,160
1979	34	34	34	--	40.00	1,360
1980	38	38	38	--	61.40	2,333
1981	43	43	43	--	68.60	2,950

CRANBERRIES (thousand barrels-100 pounds) 5/

dollars 4/

1976	276.0	276.0	--	269.7	13.50	3,726
1977	157.0	157.0	--	153.4	18.80	2,952
1978	223.0	223.0	--	218.5	21.70	4,839
1979	253.0	253.0	--	248.0	26.90	6,806
1980	245.0	245.0	--	240.1	33.20	8,134
1981	228.0	228.0	--	223.5	39.70	9,052

GRAPES (tons)

dollars

1976	750	750	100	650	210.00	158
1977	1,100	1,100	200	900	233.00	256
1978 6/	--	--	--	--	--	--
1979 6/	--	--	--	--	--	--
1980 6/	--	--	--	--	--	--
1981 6/	--	--	--	--	--	--

1/ Differences between total quantity and that having value are economic abandonment or excess cullage of mature fruit. For cranberries, differences also include the quantity put in set aside under the Cranberry Marketing Order.

2/ Includes quantities used in farm household or given away.

3/ Included in fresh utilization, processing, less than 1 percent.

4/ Price per barrel screened production.

5/ Excludes cranberries paid for by the processor but lost because of dehydration and berry breakdown after delivery.

6/ Estimates discontinued after 1977.

NEW JERSEY: APPLE AND PEACH PRODUCTION, BY COUNTIES, 1978-1981 1/

County	Apples, commercial crop 2/				Peaches			
	1978	1979	1980	1981 3/	1978	1979	1980	1981 3/
-- million pounds --								
NORTH DISTRICT:								
Bergen	.8	.6	1.7	1.5	.6	.9	1.5	1.4
Hunterdon	1.5	1.0	1.8	1.6	.5	.6	1.1	1.0
Morris	.9	.8	1.5	1.1	.3	.5	.4	.3
Somerset	.7	.6	.8	.8	--	--	--	--
Sussex	2.8	2.8	3.5	3.6	.5	.4	.6	.5
Warren	3.5	3.0	5.0	4.0	.3	.4	.6	.4
CENTRAL DISTRICT:								
Burlington	10.0	15.5	16.0	12.4	7.5	7.0	9.0	8.0
Mercer	.8	1.3	1.3	1.5	.8	.2	.3	.2
Middlesex	5.5	6.0	6.5	5.0	1.0	1.1	1.3	.7
Monmouth	14.0	16.0	15.0	10.7	2.8	2.5	2.6	3.0
SOUTH DISTRICT:								
Atlantic	8.2	9.0	11.0	9.0	15.0	13.0	14.5	15.0
Camden	6.6	12.0	11.0	9.5	7.5	8.0	11.7	7.0
Cumberland	3.2	4.1	4.0	4.5	5.8	6.6	10.5	9.0
Gloucester	25.3	30.6	25.7	25.0	25.9	52.0	53.4	41.2
Other counties	6.2	6.7	5.2	4.8	1.5	1.8	2.5	2.3
STATE	90.0	110.0	110.0	95.0	70.0	95.0	110.0	90.0

1/ Includes quantities not sold or utilized for some years.

2/ In orchards of 100 or more bearing trees.

3/ Preliminary.

NEW JERSEY: COMMERCIAL APPLE PRODUCTION, BY VARIETIES, 1/ 1976-1981

Variety	Production (million pounds) 2/					
	1976	1977	1978	1979	1980	1981 3/
Red Delicious	22.9	54.2	30.3	37.6	41.0	32.3
Golden Delicious	7.7	7.5	6.6	7.4	7.5	5.5
McIntosh	5.0	7.5	6.0	6.4	5.0	6.5
Rome	19.0	18.2	16.5	18.4	20.0	18.0
Stayman	17.2	21.5	13.5	19.7	16.0	15.0
Other varieties	18.2	21.1	17.1	20.5	20.5	17.7
TOTAL ALL VARIETIES	90.0	130.0	90.0	110.0	110.0	95.0

1/ Includes quantities not sold or utilized for some years.

2/ In orchards of 100 or more bearing trees.

3/ Preliminary.

NEW JERSEY: MONTHLY UNLOADS OF APPLES AND PEACHES AT 41 U.S. CITIES, 1979-1982

Crop & year	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	Season totals
-- 1,000 cwt. --														
APPLES:														
1979-80	--	7	7	29	15	5	2	2	3	3	6	3	1	83
1980-81	--	4	6	20	11	5	4	4	4	5	4	4	3	74
1981-82	--	3	5	30	20	2	2	1	2	3	2	4	2/	2/
PEACHES:														
1979	--	25	170	128	3	--	--	--	--	--	--	--	--	326
1980	--	35	145	163	8	--	--	--	--	--	--	--	--	351
1981	--	30	168	123	3	--	--	--	--	--	--	--	--	324

1/ See inside back cover for conversion factors.

2/ Not available at time of publication.

SOURCE: Fruit and Vegetable Market News Service, U.S.D.A.

NEW JERSEY: BLUEBERRIES, BY COUNTIES, 1980-1981

County	Acres harvested	Production (pounds)		Acres harvested	Production (pounds)	
		Per acre	Total		Per acre	Total
		1980			1981	
Burlington	3,400	2,500	8,500,000	3,100	3,000	9,300,000
Atlantic	3,900	4,000	15,600,000	3,900	4,300	16,780,000
Other counties	800	2,375	1,900,000	800	2,400	1,920,000
STATE	8,100	3,210	26,000,000	7,800	3,590	28,000,000

NEW JERSEY: FRUITS AND BERRIES, USUAL FULL BLOOM AND HARVESTING DATES

	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Apples.....								
Peaches.....								
Grapes.....								
Cranberries.....								
Blueberries.....								
Strawberries.....								

Full Bloom 
 Harvest 
 Begins Most Active Ends

NEW JERSEY: STRAWBERRY ACREAGE, BY COUNTIES, 1976-1981

County	Acres harvested					
	1976	1977	1978	1979	1980	1981
CENTRAL DISTRICT:						
Burlington	150	150	100	100	100	100
Monmouth	50	100	150	150	150	100
SOUTH DISTRICT:						
Atlantic	150	150	150	100	1/	1/
Camden	50	50	50	50	100	100
Cumberland	250	200	200	200	200	200
Gloucester	50	100	200	200	150	100
Other counties	100	150	150	100	200	300
STATE	800	900	1,000	900	900	900

1/ Included with other counties.

CRANBERRY ACREAGE AND PRODUCTION, BY STATES, 1976-1981

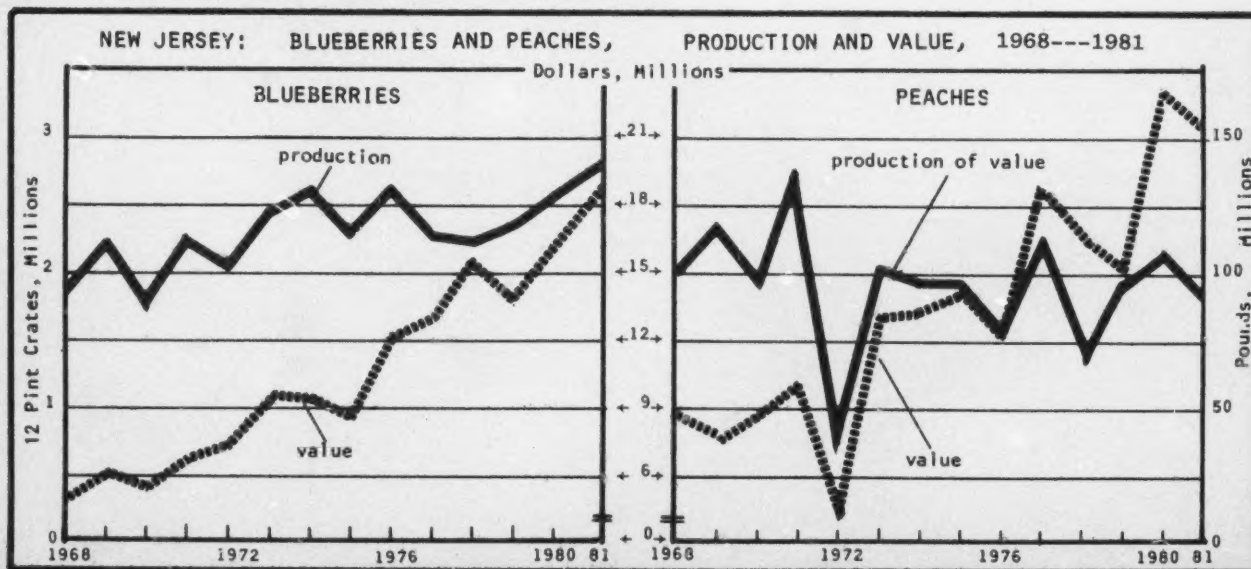
State	1976	1977	1978	1979	1980	1981
-- acres harvested --						
NEW JERSEY	3,100	3,000	3,000	3,000	2,900	2,900
Massachusetts	11,200	11,200	11,200	11,200	11,200	11,200
Wisconsin	6,800	6,400	7,000	7,100	7,200	7,100
Washington	1,100	1,100	1,100	1,100	1,100	1,100
Oregon	880	840	820	800	790	850
TOTAL, 5 states	23,080	22,540	23,120	23,200	23,190	23,150
-- barrels per acre --						
NEW JERSEY	89.0	52.3	74.3	84.3	84.5	78.6
Massachusetts	83.5	78.1	105.4	96.4	105.8	104.6
Wisconsin	147.6	133.4	117.4	126.9	150.0	136.3
Washington	93.6	123.6	126.4	133.6	94.5	117.3
Oregon	101.5	95.5	115.2	118.1	105.7	112.9
TOTAL, 5 states	104.3	93.3	106.3	106.7	116.3	112.0
-- barrels harvested --						
NEW JERSEY	276,000	157,000	223,000	253,000	245,000	228,000
Massachusetts	935,000	875,000	1,180,000	1,080,000	1,185,000	1,172,000
Wisconsin	1,004,000	854,000	821,000	901,000	1,080,000	968,000
Washington	103,000	136,000	139,000	147,000	104,000	129,000
Oregon	89,300	80,200	94,500	94,500	83,500	96,000
TOTAL, 5 states	2,407,300	2,102,200	2,458,500	2,475,500	2,697,500	2,593,000

NEW JERSEY: MONTHLY UNLOADS OF STRAWBERRIES AND BLUEBERRIES AT 41 U.S. CITIES, 1979-1981 1/

Year	Strawberries				Blueberries				
	May	June	July	Season totals	June	July	Aug.	Sept.	Season totals
-- 1,000 cwt. --									
1979	1	3	--	4	12	59	12	--	83
1980	1	1	--	2	10	7 ¹ / ₂	24	--	108
1981	--	1	--	1	16	89	21	--	126

1/ See inside back cover for conversion factors.

SOURCE: Fruit & Vegetable Market News Service, U.S.D.A.



NEW JERSEY: LIVESTOCK, DAIRY, POULTRY AND HONEY SUMMARY, 1981

Cattle and calves on New Jersey farms totaled 100,000 head on January 1, 1982, 4 percent below 1981 and equal to the lowest January 1 inventory on record. The average value per head, at \$825, was \$30 below last year's value. Total inventory was valued at \$82.5 million, which was 7 percent below the previous year.

There were 41,000 milk cows and 14,000 beef cows on farms January 1, 1982. The 55,000 head was for 55 percent of the total inventory. The previous year's figures totaled 42,000 milk cows and 14,000 beef cows. Heifers weighing 500 pounds or more were 19 percent of the total inventory or 19,000 head -- 2,000 below a year earlier. Of these, milk cow replacements numbered 14,000, beef cow replacements 4,000, and the remaining 1,000 were intended for slaughter.

A total of 494 million pounds of milk was produced in the Garden State during 1981, equal to each of the previous two year's production. The average number of all milk cows in 1981 was 41,000, unchanged from the last two years. Average annual production per cow remained at 12,049 pounds.

The top five milk producing counties were: Warren, 120.0 million pounds; Sussex, 93.4 million pounds; Salem, 76.8 million pounds; Hunterdon, 69.3 million pounds; and Burlington, 56.5 million pounds. These five counties accounted for 84 percent of New Jersey's total milk production.

There were 45,000 hogs and pigs on New Jersey farms on December 1, 1981, 34 percent below the previous year and the lowest December 1 inventory on record (dating back to 1867). The average value per head, at \$80, was \$2.50 above a year earlier. Total inventory was valued at \$3.6 million, down 32 percent from the previous year. Hog and pig marketings increased from 78,000 head in 1980 to 95,000 in 1981. The average annual price per hundredweight increased from \$35.70 in 1980 to \$43.10 in 1981.

Sheep and lamb inventory in New Jersey totaled 9,700 head as of January 1, 1982--200 more than a year earlier. The average value per head increased from \$80.00 to \$93.50. Total inventory value of all sheep and lambs increased to \$907,000. Cash receipts from marketings during 1981 totaled \$165,000 a 22 percent decrease from 1980.

Egg production in 1981 totaled 291 million eggs -- 12 million more than the previous year. Eggs per layer decreased to 222 in 1981 compared to 223 in 1980 and 231 in 1979. The average number of layers on Garden State farms increased to 1,312,000 birds, up 60,000 from the previous year.

During 1981, New Jersey poultrymen received an average price of 66.0 cents per dozen of eggs compared with 58.0 cents in 1980. These prices include the average price received by poultrymen for wholesale and retail sales of all sizes and grades of eggs.

Sales of chickens (excluding meat chickens) decreased to 800,000 in 1981, down from the 1,147,000 birds sold in 1980. The average price received by growers in 1981 was 11.0 cents per pound, unchanged from 1980.

Turkey production in the Garden State increased from 69,000 birds in 1980 to 70,000 in 1981. Heavy breeds increased to 60,000, up 1,000, while light breeds held unchanged at 10,000 birds. The average price received by Garden State turkey growers increased to 72 cents per pound liveweight -- up 5 cents from the 1980 average price of 67 cents.

Honey production in New Jersey in 1981 dropped to 1,330,000 pounds, down 6 percent from the 1,419,000 pounds produced in 1980. Number of colonies declined to 38,000, this was down 5,000 from the previous year. Yield per colony increased to 35 pounds, up 2 pounds from 1980. Despite the dry weather, nectar flow was good. Production of beeswax totaled 32,000 pounds down 2,000 pounds from 1980.

The season average price received for honey by New Jersey beekeepers was \$1.01 per pound, down 6 cents from the 1980 record high price of \$1.07 per pound. Value of production of honey decreased to \$1.3 million in 1981 -- down 12 percent from 1980. Beeswax returned \$1.89 per pound, down from the record high price of \$2.16 cents per pound the previous year. Value of production of beeswax was \$60,000.

NEW JERSEY: LIVESTOCK ON FARMS AND VALUE, JANUARY 1, 1979-1982

Item	Unit	Number or value			
		1979	1980	1981	1982

-- thousands --

All cattle and calves	No.	104	100	104	100
Total value	Dol.	56,680	76,500	88,920	82,500
Cows and heifers that have calved:					
Beef cows	No.	14	12	14	14
Milk cows	No.	43	41	42	41
Heifers:					
Beef cow replacements	No.	4	3	4	4
Milk cow replacements	No.	15	15	14	14
Other	No.	3	2	3	1
Steers, bulls and heifers:					
Steers, 500 pounds and over	No.	6	6	6	5
Bulls, 500 pounds and over	No.	3	2	2	2
Steers, heifers and bulls, under 500 lbs. .	No.	16	19	19	19
All hogs and pigs 1/	No.	67	69	68	45
Total value 1/	Dol.	5,528	4,209	5,270	3,600
Sheep and lambs	No.	9.6	9.3	9.5	9.7
Total value	Dol.	590	777	760	907
Ewes, 1 year and older	No.	6.9	6.8	6.9	6.8
Rams and wethers, 1 year and older	No.	.6	.6	.6	.5
Ewe lambs	No.	1.3	1.3	1.4	1.6
Wether and ram lambs	No.	.8	.6	.6	.8

1/ Estimates are for December 1, preceding year.

NEW JERSEY: ALL CATTLE, SHEEP AND HOGS, NUMBER ON FARMS, BY COUNTIES, JANUARY 1, 1981-1982

County	Cattle and calves		Sheep and lambs		Hogs and pigs 1/	
	1981	1982	1981	1982	1981	1982

NORTH DISTRICT:

Hunterdon	18,000	17,200	2,800	2,600	3,200	2,100
Morris	3,000	2,500	500	450	700	300
Somerset	6,800	6,200	1,300	1,500	1,700	900
Sussex	16,400	16,000	1,400	1,700	1,600	1,400
Warren	20,500	20,000	700	700	1,400	900

CENTRAL DISTRICT:

Burlington	10,000	9,800	400	450	4,500	3,800
Mercer	1,900	1,600	650	600	900	700
Middlesex	900	1,000	--	--	1,200	800
Monmouth	2,700	2,200	400	400	4,000	1,900
Ocean	1,000	1,200	--	--	3,500	2,400

SOUTH DISTRICT:

Atlantic	--	300	--	--	3,200	1,200
Cape May	--	--	--	--	1,600	1,900
Cumberland	2,700	2,400	250	200	3,000	2,700
Gloucester	3,100	2,900	100	200	33,000	21,000
Salem	16,100	16,000	600	500	4,200	2,700

Other counties	900	700	400	400	300	300
STATE	104,000	100,000	9,500	9,700	68,000	45,000

1/ Estimates are for December 1, preceding year.

NEW JERSEY: LIVESTOCK PRODUCTION, DISPOSITION AND INCOME, 1977-1981

Item	Unit	1977	1978	1979	1980	1981
CATTLE AND CALVES:						
Calf crop	No.	52,000	50,000	46,000	49,000	45,000
Inshipments ^{1/}	No.	4,000	5,000	4,000	4,000	5,000
Marketings: ^{2/}						
Cattle	No.	23,000	27,000	23,000	16,000	19,000
Calves	No.	25,000	28,000	23,000	26,000	27,000
Price per hundredweight:						
Cattle	Dol.	26.20	36.70	52.00	48.20	43.30
Calves	Dol.	37.90	55.70	94.70	92.80	84.20
Cash receipts ^{3/}	Thou. dol.	8,846	14,689	18,669	15,822	7,220
Gross income ^{4/}	Thou. dol.	9,946	16,230	21,331	18,309	18,950
HOGS AND PIGS:						
Pig crop	No.	49,000	45,000	48,000	42,000	30,000
Inshipments ^{1/}	No.	60,000	50,000	47,000	47,000	50,000
Marketings ^{2/}	No.	86,000	89,000	82,000	78,000	95,000
Price per hundredweight	Dol.	38.20	44.00	41.30	35.70	43.10
Cash receipts ^{3/}	Thou. dol.	6,123	8,424	7,062	5,648	8,430
Gross income ^{4/}	Thou. dol.	8,033	9,198	7,789	6,323	8,999
SHEEP AND LAMBS:						
Lamb crop	No.	7,300	7,800	7,800	7,800	7,600
Inshipments ^{1/}	No.	---	---	600	600	500
Marketings: ^{2/}						
Sheep	No.	400	1,200	1,900	1,700	1,900
Lambs	No.	3,500	4,000	4,100	4,300	3,500
Price per hundredweight:						
Sheep	Dol.	18.50	27.50	37.00	32.00	32.10
Lambs	Dol.	43.00	51.00	60.00	58.00	46.10
Cash receipts ^{3/}	Thou. dol.	107	184	247	211	164
Gross income ^{4/}	Thou. dol.	155	236	339	280	213
WOOL:						
Sheep shorn	No.	8,200	7,400	8,500	8,700	8,900
Weight per fleece	Lb.	6.8	7.0	6.8	6.9	6.8
Wool produced	Lb.	56,000	52,000	58,000	60,000	61,000
Price per pound ^{5/}	Dol.	0.72	0.74	0.82	0.73	0.79
Value ^{5/}	Thou. dol.	40	38	48	44	48

^{1/} Does not include inshipments for slaughter.

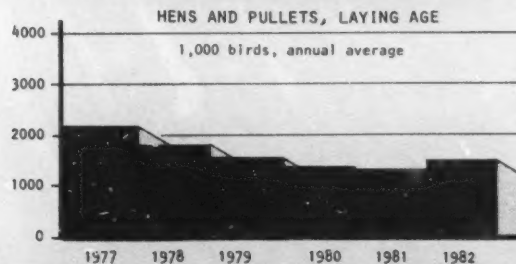
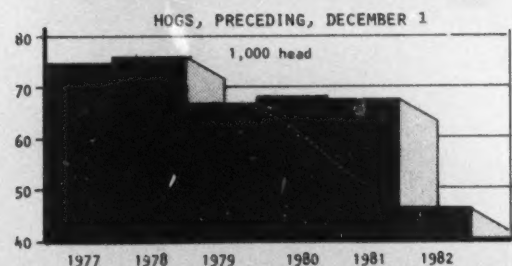
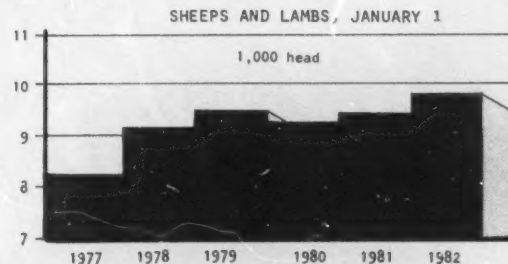
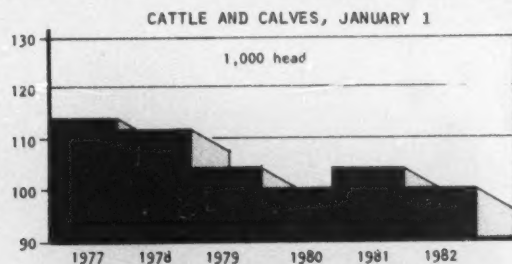
^{2/} Excludes custom slaughter for use on farms where produced and interfarm sales within the state.

^{3/} Receipts from marketings and sales of farm slaughter.

^{4/} Includes value of meat used in farm households.

^{5/} Does not include incentive payments.

LIVESTOCK NUMBERS ON NEW JERSEY FARMS



NEW JERSEY: SOWS FARROWED AND PIG CROP, 1976-1981

Year	December 1/ - May			June - November			Total pig crop (thou.)
	Sows farrowed (thou.)	Pigs per litter	Pig crop (thou.)	Sows farrowed (thou.)	Pigs per litter	Pig crop (thou.)	
1976	3.9	6.2	24	3.4	6.4	22	46
1977	4.8	5.8	28	3.8	5.6	21	49
1978	3.4	6.0	20	4.0	6.2	25	45
1979	4.4	6.4	28	3.2	6.4	20	48
1980	3.4	5.9	20	3.4	6.5	22	42
1981	2.5	5.8	15	2.9	5.3	15	30

1/ December preceding year.

NEW JERSEY: LIVESTOCK SLAUGHTERED IN COMMERCIAL PLANTS, BY MONTHS, 1981 1/

Month	Cattle		Calves		Hogs		Sheep and lambs	
	Thou. head	Thou. pounds liveweight	Thou. head	Thou. pounds liveweight	Thou. head	Thou. pounds liveweight	Thou. head	Thou. pounds liveweight
January	10.9	14,161	8.9	3,076	20.4	4,371	1.1	106
February	9.6	12,398	7.0	2,345	19.2	4,248	1.2	107
March	11.6	14,906	7.0	2,428	21.4	4,762	1.6	139
April	11.2	14,389	7.0	2,463	16.7	3,778	4.6	294
May	10.6	13,469	6.3	2,139	18.3	3,747	1.3	133
June	11.6	14,817	6.6	2,302	21.7	4,713	1.7	158
July	11.8	15,047	6.8	2,205	21.6	4,643	2.0	188
August	11.6	14,390	6.9	2,348	20.6	4,560	2.1	206
September	11.2	13,788	7.9	2,516	21.7	4,731	2.9	285
October	11.6	14,255	7.2	2,255	23.3	5,076	3.2	305
November	10.4	12,926	6.6	2,167	22.4	4,772	2.5	238
December	12.5	15,590	7.9	2,439	31.3	5,509	3.3	308
TOTAL	134.6	170,137	86.0	28,682	258.5	54,910	27.4	2,467

1/ Includes slaughter in Federally inspected and other slaughter plants, but excludes animals slaughtered on farms.

NEW JERSEY: PASTURE CONDITION AS PERCENTAGE OF NORMAL, 1976-1981 1/

Year	Apr. 1	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Nov. 1
1976	82	78	82	77	71	67	74	80
1977	80	80	79	71	66	87	88	89
1978	75	72	89	91	80	86	85	78
1979	86	88	93	90	86	86	84	86
1980	83	87	91	72	56	52	34	86
1981	71	83	88	90	74	69	78	77

1/ Percent of normal for the date as reported on monthly surveys.

NEW JERSEY: GRAIN CONCENTRATES FED DAILY TO DAIRY COWS, SPECIFIED DATES, 1976-1981

Year	January	April	July	October
-- pounds per cow --				
1976	--	12.3	12.2	11.8
1977	--	13.2	12.5	12.9
1978	14.1	13.0	12.5	13.0
1979	13.0	14.1	12.6	13.2
1980	13.6	14.2	13.8	14.1
1981	13.1	13.4	13.6	13.2

NEW JERSEY: MILK PRODUCTION, DISPOSITION AND INCOME, 1976-1981

Item	Unit	1976	1977	1978	1979	1980	1981
Milk cows <u>1/</u>	No.	46,000	47,000	45,000	41,000	41,000	41,000
Milk per cow	Lb.	11,848	11,681	11,667	12,049	12,049	12,049
Total milk production	Mil. lb.	545	549	525	494	494	494
Disposition of milk produced:							
Used on farms	Mil. lb.	8	9	11	10	10	10
Sold to plants and dealers	Mil. lb.	515	520	490	463	466	467
Sold directly to consumers	Mil. lb.	22	20	24	21	18	17
Prices received for milk by farmers:							
Sold to plants and dealers (per cwt.)	Dol.	10.30	10.20	11.10	12.50	13.38	14.10
Sold directly to consumers (per qt.)	Cents	35.0	36.0	41.0	41.0	43.0	46.0
-- thousand dollars --							
Cash receipts from milk:							
Sold to plants and dealers		53,045	53,040	54,390	57,875	62,351	65,847
Sold directly to consumers		3,582	3,349	4,577	4,004	3,600	3,637
Total		56,627	56,389	58,967	61,879	65,951	69,484
Gross income (includes home use)		56,944	56,702	59,426	62,390	66,496	70,058
Total value (includes fed to calves)		57,498	57,316	60,218	63,133	67,332	70,938

1/ Average number on farms during the year (in milk and dry).

NEW JERSEY: MANUFACTURED DAIRY PRODUCTS, 1976-1981

Products	Quantity of products made					
	1976	1977	1978	1979	1980	1981
-- thousand pounds --						
Cheese <u>1/</u>	16,843	15,492	21,788	25,569	28,326	27,360
-- thousand gallons --						
Ice cream:						
Hard	10,517	9,048	3,704	3,515	7,927	10,025
Soft	3,531	2,604	2,133	2,232	3,383	5,745
Total	14,048	11,652	5,837	5,747	11,310	15,770
Ice milk	2,732	3,292	2,284	3,040	3,697	3,498
Milk sherbet	518	406	216	194	318	343
Water ices	593	609	183	161	210	161
Ice cream mix	6,518	6,053	2,879	2,793	7,785	10,287
All other mix	1,703	1,986	1,981	1,893	3,162	2,782
Equivalent whole milk used (thousand pounds)						
Cheese	67,561	61,973	87,398	102,826	114,536	110,327
Ice cream and other frozen products	235,692	209,703	106,504	110,978	202,240	268,447
Other milk products	379	297	352	353	328	327
Total	303,632	271,973	194,254	214,157	317,104	379,101
Duplications	22,194	19,399	19,314	21,879	28,175	30,824
Net total	281,438	252,574	174,940	192,278	288,929	348,277

1/ Excludes cottage cheese.

NEW JERSEY: MILK COWS AND MILK PRODUCTION, BY COUNTIES, 1980-1981

NEW JERSEY: MILK COWS AND MILK PRODUCTION, BY COUNTIES, 1980-1981						
County	Average number of milk cows	Milk per cow (lbs.)	Total milk production (thou. lbs.)	Average number of milk cows	Milk per cow (lbs.)	Total milk production (thou. lbs.)
	<u>1980</u>			<u>1981</u>		
NORTH DISTRICT:						
Hunterdon	6,300	10,700	67,400	6,300	11,000	69,300
Morris	650	11,560	7,500	600	11,500	6,900
Somerset	2,250	12,000	27,000	2,250	12,580	28,300
Sussex	7,300	13,050	95,300	7,300	12,790	93,400
Warren	9,700	12,000	116,400	9,700	12,370	120,000
CENTRAL DISTRICT:						
Burlington	4,700	12,400	58,300	4,900	11,530	56,500
Mercer	300	12,670	3,800	300	12,670	3,800
Middlesex	400	11,000	4,400	400	10,750	4,300
Monmouth	800	12,750	10,200	800	13,000	10,400
SOUTH DISTRICT:						
Cumberland	800	11,500	9,200	800	11,500	9,200
Gloucester	1,100	11,900	13,100	1,100	12,000	13,200
Salem	6,200	12,190	75,600	6,400	12,000	76,800
Other counties	500	11,600	5,800	150	12,670	1,900
STATE	41,000	12,049	494,000	41,000	12,049	494,000

NEW JERSEY: NUMBER OF LIVESTOCK FARMS BY SPECIES, 1976-1981

Year	Cattle	Milk cow	Hog	Sheep
-- number of farms --				
1976	2,700	1,100	850	450
1977	2,800	1,000	800	500
1978	2,800	950	860	550
1979	2,800	950	900	650
1980	2,700	900	950	750
1981	2,800	900	1,000	750

NEW JERSEY: POULTRY ON FARMS AND VALUE, DECEMBER 1, 1977-1981

Class	Number or value				
	1977	1978	1979	1980	1981
-- thousands --					
All chickens (excl. meat chickens)	2,058	1,728	1,555	1,400	1,500
Hens	741	885	597	735	592
Pullets of laying age	1,111	665	740	547	745
Hens and pullets of laying age	1,852	1,550	1,337	1,282	1,337
Pullets over 3 months, not laying	126	125	208	66	117
Pullets under 3 months	74	47	5	45	40
Other chickens	6	6	5	7	6
TOTAL VALUE	\$3,807	\$3,024	\$2,877	\$2,730	\$2,775

NEW JERSEY: POULTRY PRODUCTION, DISPOSITION AND INCOME, 1977-1981 1/

Item	Unit	1977	1978	1979	1980	1981
EGGS:						
Number of layers 2/	Thou.	2,088	1,716	1,483	1,252	1,312
Eggs per layer	No.	214	219	231	223	222
Eggs produced	Mil.	446	375	342	279	291
Eggs sold	Mil.	445	374	341	277	289
Price per dozen	Cents	60.6	56.8	63.0	58.0	66.0
Cash receipts	Thou. dol.	22,473	17,703	17,968	13,388	15,895
Gross income 3/	Thou. dol.	22,524	17,750	18,073	13,485	16,005
CHICKENS: 4/						
Number raised	Thou.	1,504	1,385	1,217	1,200	1,128
Number sold	Thou.	1,700	1,400	1,200	1,147	800
Pounds sold	Thou.	7,140	5,880	5,040	4,817	3,360
Price per pound	Cents	11.6	10.9	13.7	11.0	11.0
Cash receipts	Thou. dol.	828	641	689	530	370
Gross income 3/	Thou. dol.	841	652	710	545	385
TURKEYS:						
Number raised - total	Thou.	58	58	59	69	70
Heavy breeds	Thou.	43	43	44	59	60
Light breeds	Thou.	15	15	15	10	10
Pounds produced 5/	Thou.	1,183	1,270	1,298	1,428	1,442
Price per pound	Cents	57.0	60.0	57.0	67.0	72.0
Gross income 3/	Thou. dol.	674	762	740	957	1,038
POULTRY AND EGGS:						
Gross income 3/	Thou. dol.	24,039	19,164	19,523	14,987	17,428

1/ Excludes meat-type birds, e.g., broilers, fryers, roasters, heavy pullets, capons and rock cornish.

2/ Average number on hand during year.

3/ Includes value of production used in farm households.

4/ Includes farm and commercial operations, but excludes meat chickens.

5/ Includes home consumption.

NEW JERSEY: LAYERS, EGGS PER LAYER AND EGG PRODUCTION, BY MONTHS, 1980 and 1981

Month	Number of layers			Eggs per layer		Total egg production		
	1980 (thou.)	1981 (thou.)	1981 as percent of 1980	1980	1981	1980 (mil.)	1981 (mil.)	1981 as percent of 1980
December 1/	1,311	1,269	97	18.91	17.52	25	22	88
January	1,284	1,288	100	18.76	18.29	24	24	100
February	1,336	1,339	100	17.20	16.91	23	23	100
March	1,327	1,325	100	19.07	19.28	25	26	104
April	1,248	1,330	107	19.32	19.32	24	26	108
May	1,217	1,341	110	19.90	19.84	24	27	113
June	1,186	1,287	109	19.17	19.11	23	25	109
July	1,186	1,273	107	18.63	19.00	22	24	109
August	1,197	1,298	108	18.45	18.82	22	24	109
September	1,233	1,318	107	17.91	17.94	22	24	109
October	1,249	1,337	107	18.32	17.36	23	23	100
November	1,253	1,344	107	17.64	16.98	22	23	105

1/ December preceding year.

NEW JERSEY: BEES AND HONEY, NUMBER OF COLONIES, PRODUCTION AND VALUE, 1974-1981

Year	Bees		Honey			Beeswax		
	Number of colonies (thou.)	Prod. per colony (lb.)	Total prod. (thou. lb.)	Average price per lb. (cents)	Value of prod. (thou. dol.)	Total prod. (thou. lb.)	Average price per lb. (dol.)	Value of prod. (thou. dol.)
1974 ..	39	25	975	73.8	720	22	1.20	26
1975 ..	37	29	1,073	76.7	823	23	1.13	26
1976 ..	37	28	1,036	76.3	790	18	1.06	19
1977 ..	37	29	1,073	82.5	885	17	1.70	29
1978 ..	35	30	1,050	94.7	994	21	1.57	33
1979 ..	34	40	1,360	77.6	1,055	27	1.57	42
1980 ..	43	33	1,419	107.0	1,518	34	2.16	73
1981 ..	38	35	1,330	101.0	1,343	32	1.89	60

NEW JERSEY: FARM INCOME AND EXPENSE SUMMARY, 1981

The estimated value 1/ of field crops, fruit and vegetable production in New Jersey during 1981 was \$288.8 million or about 14 percent more than the 1980 value of \$253.5 million. Field crops increased 7 percent, despite the fact that all field crops (except rye, hay and sweet potatoes) recorded lower prices. Increased production of all field crops more than offset the lower prices. The value of fruits also increased 7 percent. Utilized production of apples and cranberries was down from a year earlier but higher prices offset the decrease and caused an increase in value of the two crops. Value of the peach crop decreased 6 percent due to a much lower production and only a slightly higher price. The value of the blueberry and strawberry crops increased 15 and 26 percent, respectively, due to increased production and higher prices.

The value of the principal vegetables, which accounted for just under 32 percent of the value of all New Jersey crops in 1981, was 32 percent higher than a year earlier. Value of fresh market vegetables was up 29 percent at \$75.6 million and value of processing vegetables was up about 45 percent at \$16.3 million. In the case of both fresh market and processing crops, production and price were both above last year.

The estimated gross income 2/ of New Jersey farmers from livestock, poultry and their products during 1981 was \$115.7 million, up 9 percent from the 1980 level of \$106.4 million. Increased marketings of cattle and calves offset lower prices received, and an increase in egg price and number of eggs sold helped contribute to the increase in gross income. The only livestock items with a decrease in gross income from 1980 were sheep, lambs and chickens. Leading categories, according to gross income, were milk in first place at \$70.1 million, followed by cattle and calves at \$19.0 million, eggs at \$16.0 million and hogs and pigs at \$9.0 million. Other items, in order of income, were turkeys, chickens, sheep, lambs and wool.

Based on preliminary estimates, cash receipts 3/ from all 1981 farm marketings were \$478.8 million as compared with \$434.6 million in 1980. Crop cash receipts in 1981 of \$353.1 million were up 13 percent from 1980 and accounted for about 74 percent of total farm marketings. Receipts in 1981 from the sale of livestock and livestock products totaled \$125.7 million, up 2 percent from 1980.

Estimated net farm income 4/ for 1981 was \$62.9 million. This was 31 percent more than the 1980 value of \$47.9 million. Gross farm income is estimated at \$532.0 million, 8 percent increase from the 1980 level of \$493.9 million. Farm land and buildings in New Jersey were valued at \$3,212 million in 1982, an increase of 4 percent from 1981. Average value per acre increased 4 percent to \$3,118.

The Garden State ranked 45th out of 50 states in land in farms in 1982. New Jersey was the second ranking state in the nation in blueberry production, third in summer potatoes, spinach and cranberry production, and fourth in asparagus, green peppers, tomatoes (processing and fresh), and peaches.

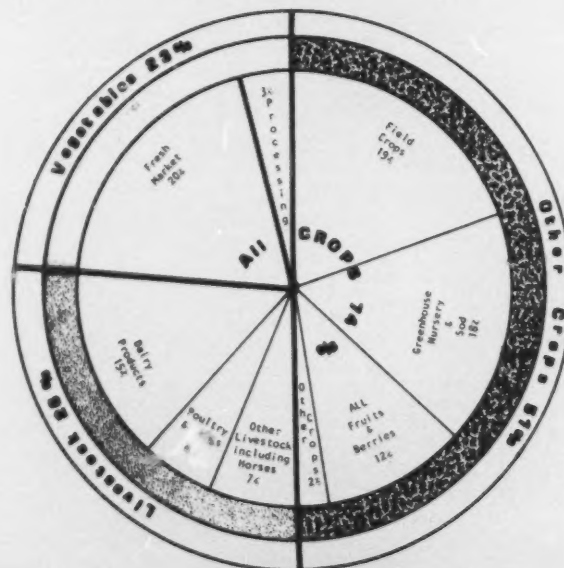
1/ Value = (season average price) x (total production).

3/ Cash Receipts = (receipts from marketing agricultural products on a calendar year basis).

2/ Gross Income = (cash receipts) + (value of home consumption on a marketing year basis).

4/ Net Farm Income = (Gross farm income) - (farm expenses adjusted for changes in inventory).
Gross Farm Income = (Cash receipts) + (government payments) + (non-money income) + (other farm income).

SOURCES OF NEW JERSEY'S 1981 CASH RECEIPTS



NEW JERSEY: FARM PRODUCTION EXPENSES, 1974-1981

Item	1974	1975	1976	1977	1978	1979	1980	1981
-- million dollars --								
CURRENT FARM OPERATING EXPENSES:								
Feed	44.3	39.1	42.5	37.0	32.5	35.3	36.6	37.6
Livestock	5.6	8.1	7.4	6.2	6.4	5.7	5.2	5.9
Seed	13.4	14.2	16.1	16.5	20.4	22.9	25.9	30.6
Fertilizer and lime	22.6	25.0	20.8	20.7	22.8	25.0	32.7	32.2
Repairs and operation of capital items ...	31.3	35.6	40.6	43.4	48.8	60.0	70.0	76.8
Miscellaneous	44.2	47.8	48.7	44.4	54.0	62.0	67.1	80.0
Hired labor	53.5	57.1	61.7	70.5	68.7	76.2	88.3	80.7
TOTAL CURRENT EXPENSES	214.9	226.9	237.8	238.7	253.6	287.1	325.6	343.8
Depreciation and consumption of farm capital	49.7	54.5	57.4	57.9	68.1	74.3	80.3	88.3
Taxes on farm property	17.9	18.7	19.9	18.4	24.3	17.5	19.0	20.6
Interest on farm mortgage debt	14.2	15.5	16.7	16.7	16.8	19.0	23.6	26.8
Net rent to nonfarm landlords	-7.4	-9.2	-9.6	-6.5	-6.1	-6.6	-7.5	-7.9
TOTAL PRODUCTION EXPENSES	289.4	306.4	322.2	325.2	356.7	391.2	440.9	471.6

NOTE: Details may not add to totals because of roundings.

NEW JERSEY: GROSS AND NET INCOME FROM FARMING, 1974-1981

Item	1974	1975	1976	1977	1978	1979	1980	1981
-- million dollars --								
Cash receipts from farm marketings	339.9	326.0	335.5	353.9	398.6	413.7	434.6	459.3
Government payments	.7	.7	.8	1.1	2.0	.8	.9	1.5
Non-money income	31.4	34.0	37.6	36.3	43.4	48.3	52.0	63.3
Other farm income	3.5	4.3	4.7	5.6	5.2	6.4	6.4	7.9
TOTAL GROSS FARM INCOME	375.4	364.9	378.7	397.0	449.1	469.2	493.9	532.0
Farm production expenses	289.4	306.4	322.2	325.2	356.7	391.2	440.9	471.6
Realized net farm income	86.0	58.5	56.5	71.8	92.4	77.9	53.0	60.3
Net change in farm inventories	5.2	-5.1	4.2	-9	3.4	3.2	-5.1	2.6
TOTAL NET FARM INCOME	91.2	53.4	60.7	70.8	95.7	81.2	47.9	62.9

NOTE: Totals may not add due to roundings.

SOURCE: The Farm Income Situation, Economic Research Service, U.S.D.A.

NEW JERSEY: VALUE OF LAND AND BUILDINGS AND TAXES LEVIED ON FARM REAL ESTATE, SELECTED YEARS, 1971-1982

Year	Value of land and buildings		Taxes levied on farm real estate		
	Total (million dol.)	Average per acre (dollars)	Total (million dol.)	Average per acre (dollars)	Average taxes per \$100 of full value (dollars)
1971	1,189	1,132	16.0	15.70	1.38
1972	1,279	1,224	17.0	16.69	1.36
1973	1,384	1,337	17.5	17.17	1.27
1974	1,629	1,582	18.0	17.70	1.10
1975	1,870	1,807	17.5	18.53	1.03
1976	2,148	2,106	18.6	19.78	.94
1977	2,211	2,211	18.1	18.05	.82
1978	2,481	2,386	18.9	18.22	.76
1979	2,782	2,701	19.1	18.57	.69
1980	2,985	2,926	20.8	20.35	.70
1981	3,088	2,998	1/	1/	1/
1982	3,211	3,118	1/	1/	1/

1/ Not available at time of publication.

SOURCE: Farm Real Estate Market Development and Farm Real Estate Taxes, Economic Research Service, U.S.D.A.

CASH RECEIPTS FROM NEW JERSEY FARM MARKETINGS, BY COMMODITIES, 1979, 1980 and 1981 1/

Commodity	1979		1980 (Revised)		1981 (Prelim.)	
	Thou. dollars	Percent of total	Thou. dollars	Percent of total	Thou. dollars	Percent of total
LIVESTOCK AND PRODUCTS:						
Eggs	17,968	4.3	13,388	3.1	15,895	3.3
Turkeys	740	.2	957	.2	1,038	.2
Other poultry	2,354	.6	2,105	.5	2,217	.5
All poultry and eggs	21,062	5.1	16,450	3.8	19,150	4.0
Dairy products	61,879	15.0	65,951	15.2	69,484	14.5
Cattle and calves	18,669	4.5	15,822	3.6	7,220	1.5
Hogs	7,062	1.7	5,648	1.3	8,430	1.8
Horses 3/	17,401	4.2	17,575	4.0	19,508	4.1
Other livestock	1,559	.4	2,011	.5	1,945	.4
All livestock except poultry ...	106,570	25.8	107,007	24.6	106,587	22.3
ALL LIVESTOCK AND PRODUCTS ...	127,632	30.9	123,457	28.4	125,737	26.3
CROPS:						
Field Crops:						
Corn	14,673	3.5	14,883	3.4	22,014	4.6
Wheat	5,299	1.3	5,824	1.3	7,920	1.7
Hay	9,018	2.2	8,676	2.0	10,488	2.2
Soybeans	35,477	8.6	26,382	6.1	29,437	6.1
Potatoes	8,168	2.0	15,778	3.6	16,476	3.4
Sweet potatoes	3,945	.9	3,891	.9	3,607	.8
Other field crops	2,122	.5	2,447	.6	2,891	.6
ALL FIELD CROPS	78,702	19.0	77,881	17.9	92,833	19.4
Vegetables for fresh market:						
Tomatoes	14,573	3.5	9,666	2.2	20,582	4.3
Sweet corn	7,066	1.7	8,397	1.9	9,771	2.0
Lettuce	4,789	1.2	4,963	1.1	7,224	1.5
Asparagus	2,541	.6	1,963	.5	2,277	.5
Peppers	7,539	1.8	7,792	1.8	7,685	1.6
Cabbage	5,524	1.3	8,147	1.9	5,878	1.2
Snap beans	4,858	1.2	4,853	1.1	6,159	1.3
Onions	1,369	.3	1,830	.4	1,612	.3
Cucumbers	3,570	.9	4,004	.9	3,881	.8
Spinach	2,912	.7	2,515	.6	3,136	.6
Escarole	3,561	.9	3,107	.7	4,115	.9
Eggplant	2,581	.6	2,115	.5	3,156	.7
Other market vegetables	18,935	4.6	18,055	4.2	19,460	4.1
ALL MARKET VEGETABLES	79,818	19.3	77,407	17.8	94,936	19.8
Vegetables for processing:						
Cucumbers for pickles	1,478	.4	1,870	.4	1,726	.4
Snap beans	2,480	.6	3,228	.8	4,203	.9
Tomatoes	6,880	1.6	4,600	1.1	8,398	1.7
Other processing vegetables	706	.2	496	.1	912	.2
ALL PROCESSING VEGETABLES	11,544	2.8	10,194	2.4	15,239	3.2
ALL VEGETABLES	91,362	22.1	87,601	20.2	110,175	23.0
Fruits:						
Peaches	15,126	3.7	22,776	5.2	15,972	3.3
Apples	12,030	2.9	14,541	3.4	11,982	2.5
Blueberries	13,806	3.3	15,860	3.7	18,200	3.8
Strawberries	1,362	.3	2,333	.5	2,333	.5
Cranberries	6,527	1.6	6,321	1.5	7,391	1.5
Other fruits and berries	486	.1	567	.1	668	.2
ALL FRUITS AND BERRIES	49,337	11.9	62,398	14.4	56,546	11.8
Forest products	7,000	1.7	8,000	1.8	9,300	1.9
Greenhouse, nursery and sod	59,300	14.3	74,908	17.2	83,800	17.5
Mushrooms	399	.1	330	.1	427	.1
ALL CROPS	286,100	69.1	311,118	71.6	353,081	73.7
ALL COMMODITIES 2/	413,732	100.0	434,575	100.0	478,818	100.0

1/ Calendar year receipts.

2/ Individual percentages may not equal 100 percent due to rounding.

3/ The cash receipts figure for horses is estimated by N.J. Division of Markets, Equine Program.

NEW JERSEY: AVERAGE PRICES RECEIVED BY FARMERS, MONTHLY, 1976-1981

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
------	------	------	------	------	-----	------	------	------	-------	------	------	------

CORN (dollars per bushel)

1976 1/	2.50	2.58	2.55	2.60	2.85	2.93	3.12	3.01	2.87	2.67	2.23	2.40
1977	2.51	2.50	2.58	2.54	2.46	2.46	2.16	1.94	1.77	1.79	1.96	2.15
1978	2.20	2.29	2.32	2.45	2.55	2.65	2.59	2.40	2.20	2.19	2.27	2.32
1979	2.36	2.41	2.48	2.56	2.69	2.82	3.15	3.09	3.08	2.82	2.84	2.93
1980	2.70	2.85	2.84	2.78	2.85	2.87	3.16	3.49	3.55	3.50	3.60	3.71
1981	3.82	3.78	3.72	3.75	3.78	3.64	3.65	3.30	2.85	2.62	2.53	2.43

WHEAT (dollars per bushel)

1976 1/	2.69	2.80	2.80	2.55	2.70	3.03	3.03	2.74	2.71	2.63	2.49	2.52
1977	2.63	2.63	2.57	2.45	2.43	2.28	2.20	2.02	1.98	2.01	2.11	2.21
1978	2.26	2.38	2.44	2.63	2.58	2.55	2.89	3.02	3.13	3.02	3.08	3.10
1979	3.34	3.62	3.57	3.50	3.53	3.81	4.04	3.87	3.91	3.91	3.88	3.94
1980	3.85	4.10	3.89	3.73	3.70	3.60	3.89	4.04	4.18	4.31	4.20	4.20
1981	4.36	4.25	4.01	3.92	3.78	3.36	3.20	3.24	3.25	3.45	3.61	3.63

RYE (dollars per bushel)

1976 1/	2.30	2.30	2.30	2.24	2.24	2.45	2.45	2.35	2.35	2.35	2.35	2.35
1977	2.45	2.45	2.45	2.39	2.39	2.39	2.30	2.30	2.40	2.45	2.45	3.00
1978	2.50	2.50	2.55	2.55	2.55	2.55	2.96	3.03	3.10	3.00	3.00	3.00
1979	2.75	2.75	2.75	2.75	2.75	2.75	3.00	3.10	3.01	3.22	3.25	3.10
1980	3.10	2.75	2.50	3.00	3.00	3.00	2.72	3.25	3.50	3.62	4.53	4.35
1981	4.35	4.35	4.20	4.20	4.20	4.20	3.08	3.37	3.35	3.51	3.48	4.00

SOYBEANS (dollars per bushel)

1976 1/	4.35	4.50	4.45	4.60	5.10	6.10	6.85	5.90	6.85	6.00	6.10	6.50
1977	6.75	7.05	7.95	9.00	9.25	8.30	6.30	5.10	4.75	5.00	5.55	5.70
1978	5.55	5.40	6.25	6.80	7.05	6.50	6.05	5.85	5.95	6.25	6.20	6.25
1979	6.60	6.90	6.95	7.05	6.90	7.35	7.30	6.50	6.50	6.25	6.25	6.10
1980	6.00	6.25	6.05	5.75	5.65	5.70	7.20	7.20	7.90	8.18	8.43	7.33
1981	7.81	7.30	7.10	7.63	7.20	7.00	7.20	6.77	6.21	6.16	5.80	5.85

POTATOES (dollars per 100 pounds)

1976	--	--	--	--	--	--	6.00	4.15	4.20	4.05	4.25	4.30
1977	--	--	--	--	--	--	5.50	3.50	4.00	4.40	4.20	5.00
1978	--	--	--	--	--	--	5.50	3.40	3.55	4.10	4.70	4.60
1979	--	--	--	--	--	--	4.95	3.65	3.90	4.20	4.30	4.35
1980	--	--	--	--	--	--	9.80	6.95	8.90	9.30	9.35	9.80
1981	--	--	--	--	--	--	8.30	6.70	6.40	6.50	6.90	6.95

SWEET POTATOES (dollars per 100 pounds)

1976 1/	12.00	12.10	12.00	12.90	11.10	11.00	11.00	--	11.00	9.80	9.80	9.90
1977	10.20	11.30	12.50	13.90	13.90	15.80	15.80	--	15.40	12.80	14.40	14.20
1978	14.60	13.80	15.60	17.30	16.90	17.90	20.90	--	7.10	14.90	14.60	14.10
1979	12.40	12.70	13.40	13.20	14.00	12.20	13.10	--	15.50	13.00	14.40	12.90
1980	11.90	14.60	12.80	13.90	12.70	12.00	11.50	--	15.80	13.70	13.40	12.70
1981	15.70	17.00	18.50	21.70	23.30	22.30	24.50	--	18.00	16.90	18.50	17.30

1/ No longer official prices as of June 1976.

NEW JERSEY: AVERAGE PRICES RECEIVED BY FARMERS, MONTHLY, 1976-1981

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
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ALFALFA HAY, baled (dollars per ton)

1976 2/	68.00	69.50	69.50	71.00	71.00	66.00	66.00	69.50	70.00	71.50	72.50	74.00
1977	75.50	75.00	76.00	79.00	77.00	76.00	77.00	81.00	79.00	80.00	79.00	80.00
1978	87.50	91.50	92.00	94.00	100.00	84.00	84.50	84.00	83.00	85.00	83.00	79.00
1979	81.00	85.00	75.00	75.00	75.00	73.00	73.00	68.00	66.00	65.00	70.00	70.00
1980	75.00	75.00	74.00	76.00	74.50	67.00	73.50	81.50	87.80	92.00	82.00	100.00
1981	114.50	115.00	106.50	107.00	108.00	91.00	87.20	99.00	103.00	102.00	105.00	110.00

OTHER HAY, baled (dollars per ton) 1/

1976 2/	58.00	59.50	59.50	61.00	61.00	55.00	55.50	59.00	59.50	59.50	59.50	61.00
1977	62.00	61.50	62.50	63.00	61.00	60.00	62.00	63.00	61.00	63.50	63.00	64.00
1978	69.00	69.00	70.00	70.00	73.00	64.50	64.50	66.00	66.00	67.00	67.00	64.50
1979	61.50	61.50	57.50	54.50	51.00	46.00	42.00	47.00	52.00	50.00	55.00	55.00
1980	58.00	58.50	52.50	51.00	55.00	48.00	49.00	54.50	66.50	74.00	64.00	76.50
1981	83.50	80.00	80.00	77.00	75.00	72.00	74.00	74.00	76.00	78.00	82.00	90.00

ALL HAY (dollars per ton)

1976 2/	63.50	65.00	65.00	66.50	66.50	61.00	61.50	65.00	65.50	66.00	66.50	68.00
1977	69.50	66.50	68.00	70.00	69.80	68.80	70.50	73.00	71.00	72.50	72.00	73.00
1978	79.00	81.50	82.10	83.00	88.00	75.00	75.50	75.90	75.50	77.00	76.00	72.50
1979	72.00	74.45	67.00	66.00	64.00	61.00	59.00	58.50	59.50	58.50	63.50	63.50
1980	66.50	67.00	63.50	63.50	64.50	57.50	61.25	68.00	77.25	83.00	73.00	88.25
1981	100.50	99.50	94.50	93.50	93.00	82.50	81.20	88.00	91.00	91.00	94.50	101.00

APPLES, fresh market (cents per pound)

1976	8.70	8.80	10.40	11.20	11.00	10.80	11.00	11.00	12.30	12.50	12.50	13.50
1977	15.00	18.00	17.30	17.70	18.00	18.00	15.00	12.00	12.80	12.60	12.60	13.00
1978	14.50	16.50	16.70	17.50	19.00	19.00	13.50	16.90	16.00	15.00	14.00	14.60
1979	15.50	16.00	16.00	16.40	17.00	17.00	15.40	15.80	15.00	13.80	14.10	14.10
1980	14.30	15.30	14.80	15.30	21.10	20.50	14.50	16.50	17.50	13.50	14.00	14.50
1981	16.00	13.50	15.00	15.00	14.50	16.00	15.00	16.70	16.30	17.20	19.50	19.50

PEACHES, fresh market (cents per pound)

1976	--	--	--	--	--	--	15.80	16.10	18.80	--	--	--
1977	--	--	--	--	--	--	17.00	17.40	17.70	--	--	--
1978	--	--	--	--	--	--	36.80	24.70	22.40	--	--	--
1979	--	--	--	--	--	--	16.40	16.80	18.60	--	--	--
1980	--	--	--	--	--	--	19.40	19.00	24.00	--	--	--
1981	--	--	--	--	--	--	15.90	22.00	30.60	--	--	--

CATTLE (dollars per 100 pounds)

1976 2/	25.10	26.30	26.80	29.20	30.60	31.00	29.20	26.90	24.90	24.10	22.30	24.90
1977	25.40	25.70	27.10	28.40	29.00	27.20	26.50	25.60	26.10	25.20	24.40	24.56
1978	26.80	30.30	32.10	35.00	38.50	40.10	41.30	38.50	39.30	39.90	40.90	42.50
1979	51.20	51.70	53.60	57.10	58.80	55.60	57.00	47.90	49.50	46.30	47.40	50.40
1980	50.90	51.10	51.80	49.00	45.10	47.70	48.40	48.30	49.80	45.80	46.30	45.11
1981	43.30	45.10	43.50	44.00	46.70	45.40	40.90	48.30	43.80	42.00	40.80	38.50

1/ Clover and timothy hay included in other hay beginning in 1972.

2/ No longer official prices as of June 1976.

NEW JERSEY: AVERAGE PRICES RECEIVED BY FARMERS, MONTHLY, 1976-1981

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
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CALVES (dollars per 100 pounds)

1976 2/	36.80	37.80	37.60	39.60	44.60	38.40	36.50	36.00	34.00	35.50	35.40	35.00
1977	38.80	38.50	39.00	37.50	39.00	37.50	37.50	36.30	36.30	38.00	38.90	37.00
1978	43.40	43.80	47.30	53.00	63.80	64.80	55.00	54.90	56.30	66.20	66.30	71.20
1979	81.40	85.10	94.90	97.00	108.90	102.20	99.00	90.00	93.00	101.60	93.00	96.40
1980	95.40	101.90	100.00	95.00	95.50	96.20	84.90	86.90	94.00	94.00	86.40	86.40
1981	86.40	86.40	78.50	78.90	97.20	93.20	93.80	89.50	85.00	84.00	76.00	73.50

HOGS (dollars per 100 pounds)

1976 2/	46.50	45.50	43.70	44.80	46.00	45.90	46.10	42.30	39.90	34.40	31.50	36.00
1977	35.60	36.50	36.50	36.40	36.80	39.10	42.90	40.20	41.00	40.00	37.40	40.00
1978	41.50	42.90	42.90	43.10	47.80	43.80	44.80	46.30	46.40	45.80	44.80	45.80
1979	50.00	53.50	48.60	44.00	43.50	38.00	37.10	36.60	37.10	31.50	32.70	35.50
1980	36.80	36.00	30.90	27.50	27.70	29.80	37.30	46.50	45.00	40.50	40.10	42.80
1981	40.40	41.60	40.60	44.90	40.40	46.60	48.20	47.10	45.90	41.40	39.90	41.40

MILK COWS (dollars per head)

1976 2/	610	620	630	620	620	620	620	630	620	620	630	620
1977	630	640	645	635	650	655	665	670	670	675	680	685
1978	705	700	705	710	715	720	760	760	760	795	795	825
1979	825	830	950	1,000	1,010	1,100	1,000	1,000	1,050	1,180	1,200	1,200
1980	1,200	1,200	1,200	1,200	1,200	1,200	1,200	1,250	1,260	1,280	1,300	1,320
1981	1,340	1,360	1,300	1,300	1,300	1,300	1,350	1,350	1,340	1,320	1,320	1,300

MILK, sold to plants (dollars per 100 pounds)

1976	10.90	10.50	10.40	9.75	9.60	9.50	10.00	10.40	10.70	10.90	10.60	10.30
1977	10.20	10.10	9.85	9.65	9.60	9.65	10.00	10.30	10.60	10.80	11.00	10.70
1978	10.70	10.70	10.60	10.50	10.40	10.40	10.60	11.20	11.60	12.00	12.20	12.30
1979	12.40	12.50	12.10	11.90	11.70	11.80	12.10	12.60	12.90	13.30	13.40	13.10
1980	13.20	13.20	13.00	12.90	12.70	12.70	13.00	13.30	13.70	14.20	14.40	14.40
1981	14.40	14.40	14.20	14.00	13.70	13.50	13.90	14.00	14.30	14.60	14.50	14.40

EGGS (cents per dozen)

1976	68.0	64.0	58.0	59.0	62.0	61.0	62.0	65.0	70.0	68.0	73.0	76.0
1977	70.0	72.0	66.0	63.0	56.0	51.0	55.0	56.0	54.0	49.0	54.0	60.0
1978	55.0	60.0	62.0	58.0	53.0	47.0	54.0	56.0	58.0	56.0	64.0	68.0
1979	69.0	66.0	74.0	65.0	61.0	63.0	57.0	60.0	59.0	55.0	62.0	68.0
1980	57.0	53.0	58.0	54.0	50.0	51.0	54.0	61.0	66.0	62.0	69.0	74.0
1981	69.0	66.0	64.0	69.0	62.0	58.0	62.0	62.0	68.0	71.0	73.0	68.0

CHICKENS, live 1/ (cents per pound)

1976 2/	10.5	10.5	11.5	12.0	12.0	14.0	14.5	14.5	15.2	14.5	15.0	15.0
1977	13.0	13.0	13.0	11.5	11.0	10.5	10.5	10.5	11.0	10.5	11.0	11.5
1978	10.0	9.5	9.5	9.5	10.0	11.5	11.0	12.0	12.5	10.0	12.0	14.0
1979	15.5	16.5	17.5	15.5	17.0	14.5	13.0	11.0	11.0	11.0	10.5	11.5
1980	11.5	11.0	11.0	10.0	9.5	9.5	9.5	11.0	11.0	11.0	12.5	16.5
1981	12.5	13.0	13.0	10.0	9.5	9.5	8.6	9.2	11.9	10.3	11.0	12.0

1/ Includes farm and commercial operations, but excludes meat-type chickens.

2/ No longer official prices as of June 1976.

NEW JERSEY: AVERAGE PRICES PAID BY FARMERS FOR FEED, MONTHLY, 1976-1981

Year	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15
<u>LAYING FEED (dollars per ton)</u>												
1976	137.00	137.00	143.00	133.00	136.00	140.00	150.00	149.00	154.00	144.00	140.00	138.00
1977	153.00	152.00	152.00	153.00	150.00	154.00	144.00	130.00	130.00	120.00	126.00	140.00
1978	140.00	132.00	140.00	151.00	145.00	147.00	144.00	160.00	150.00	150.00	153.00	143.00
1979	141.00	138.00	147.00	155.00	163.00	167.00	175.00	170.00	188.00	179.00	162.00	178.00
1980	178.00	170.00	171.00	176.00	181.00	200.00	190.00	185.00	196.00	215.00	225.00	215.00
1981	205.00	210.00	205.00	205.00	210.00	215.00	205.00	210.00	195.00	191.00	188.00	195.00
<u>BROILER GROWER (dollars per ton)</u>												
1976	152.00	150.00	156.00	156.00	159.00	165.00	190.00	190.00	195.00	185.00	187.00	185.00
1977 2/	186.00	186.00	186.00	186.00	200.00	200.00	195.00	180.00	174.00	172.00	173.00	172.00
1978	174.00	172.00	176.00	178.00	179.00	184.00	178.00	177.00	175.00	178.00	180.00	195.00
1979	200.00	200.00	195.00	190.00	190.00	185.00	190.00	190.00	195.00	195.00	195.00	205.00
1980	205.00	205.00	205.00	195.00	199.00	188.00	193.00	200.00	215.00	215.00	225.00	220.00
1981	230.00	235.00	220.00	225.00	235.00	235.00	230.00	235.00	220.00	220.00	200.00	220.00
<u>CHICK STARTER FEED (dollars per ton)</u>												
1976	154.00	152.00	153.00	153.00	155.00	165.00	178.00	178.00	184.00	174.00	176.00	174.00
1977 2/	174.00	183.00	185.00	192.00	200.00	200.00	195.00	183.00	178.00	175.00	178.00	177.00
1978	180.00	177.00	181.00	188.00	186.00	189.00	189.00	184.00	184.00	184.00	186.00	200.00
1979	205.00	205.00	200.00	200.00	200.00	195.00	200.00	197.00	200.00	200.00	195.00	205.00
1980	210.00	205.00	205.00	200.00	199.00	210.00	197.00	215.00	235.00	235.00	240.00	245.00
1981	245.00	245.00	235.00	240.00	255.00	250.00	235.00	235.00	215.00	235.00	210.00	220.00
<u>TURKEY GROWER FEED (dollars per ton)</u>												
1976	161.00	161.00	167.00	167.00	165.00	175.00	200.00	200.00	205.00	195.00	196.00	194.00
1977 2/	205.00	202.00	202.00	196.00	210.00	210.00	205.00	190.00	184.00	182.00	185.00	187.00
1978	188.00	182.00	189.00	192.00	192.00	197.00	195.00	188.00	186.00	187.00	188.00	205.00
1979	210.00	210.00	205.00	205.00	210.00	200.00	210.00	210.00	215.00	215.00	210.00	215.00
1980	215.00	215.00	215.00	215.00	210.00	215.00	220.00	235.00	260.00	245.00	260.00	265.00
1981	265.00	265.00	255.00	265.00	260.00	265.00	250.00	250.00	240.00	240.00	220.00	230.00
<u>MIXED DAIRY FEED, 16 percent protein (dollars per ton)</u>												
1976	139.00	145.00	143.00	137.00	142.00	145.00	150.00	144.00	150.00	150.00	150.00	152.00
1977	154.00	156.00	154.00	149.00	152.00	156.00	150.00	140.00	137.00	135.00	135.00	148.00
1978	141.00	139.00	141.00	156.00	156.00	141.00	141.00	141.00	148.00	137.00	145.00	150.00
1979	148.00	160.00	154.00	152.00	148.00	157.00	159.00	158.00	159.00	167.00	166.00	165.00
1980	175.00	166.00	167.00	175.00	177.00	174.00	174.00	188.00	197.00	199.00	200.00	205.00
1981	205.00	210.00	200.00	205.00	210.00	210.00	197.00	198.00	188.00	187.00	191.00	192.00
<u>VALUE OF CONCENTRATES FED DAIRY COWS 1/ (dollars per 100 pounds)</u>												
1976	6.70	6.75	6.65	6.55	6.75	6.85	7.05	7.00	7.15	7.15	7.15	7.25
1977	7.35	7.40	7.30	7.30	7.50	7.40	7.15	6.75	6.50	6.40	6.50	6.80
1978	6.70	6.60	6.60	7.10	7.10	6.85	6.80	6.75	7.05	6.70	7.00	7.25
1979 3/	7.15	--	--	7.30	--	--	7.60	--	--	7.90	--	--
1980	8.00	--	--	8.20	--	--	8.20	--	--	8.50	--	--
1981	10.00	--	--	9.70	--	--	9.70	--	--	9.00	--	--
<u>BEEF CATTLE CONCENTRATE, 30 percent protein and over (dollars per 100 pounds)</u>												
1976	9.30	9.30	9.20	9.00	9.70	10.70	9.90	9.50	9.90	10.50	10.00	10.50
1977 2/	10.00	10.00	10.00	10.30	10.30	10.50	10.00	9.00	9.20	8.90	9.00	9.50
1978	9.60	9.50	9.60	9.60	9.60	9.70	9.70	9.60	9.50	9.50	9.70	10.50
1979	10.50	10.50	10.90	10.50	10.50	10.50	11.00	11.00	11.00	11.00	11.00	11.50
1980	11.00	11.00	11.00	11.50	11.50	11.50	11.50	11.50	11.00	12.50	11.80	12.90
1981	12.80	13.00	12.00	13.00	12.30	13.10	11.50	11.60	11.60	12.60	11.50	12.00

1/ Includes value of production on farm where used.

2/ No longer official prices as of January 1977.

3/ Data available only quarterly beginning in 1979.

NEW JERSEY: AVERAGE PRICES PAID BY FARMERS FOR FEED, MONTHLY, 1976-1981

Year	Jan. 15	Feb. 15	Mar. 15	Apr. 15	May 15	June 15	July 15	Aug. 15	Sept. 15	Oct. 15	Nov. 15	Dec. 15
MIXED HOG FEED, 14-18 percent protein (dollars per 100 pounds)												
1976	8.40	8.40	8.60	8.20	8.60	8.60	8.90	8.70	9.00	9.10	8.70	8.50
1977	8.80	8.60	8.60	8.70	9.10	8.70	8.50	8.10	8.00	7.80	7.80	8.00
1978	8.00	8.20	8.20	8.30	8.30	8.30	8.70	8.50	8.20	8.40	8.40	8.30
1979	8.30	8.50	8.60	8.60	8.50	8.90	8.90	8.90	9.20	9.50	9.30	9.60
1980	9.90	9.40	10.00	10.00	10.00	10.00	9.90	10.50	11.50	11.00	11.50	11.50
1981	11.50	11.50	11.50	11.50	12.00	11.50	11.50	11.00	11.00	11.00	10.50	10.50
COTTONSEED MEAL, 41 percent protein (dollars per 100 pounds)												
1976	10.00	10.00	10.00	10.00	10.50	12.00	13.00	13.00	13.00	13.00	13.00	12.50
1977 1/	12.50	12.50	13.00	13.50	14.00	14.50	14.00	13.00	12.50	11.50	11.50	11.50
1978	12.00	12.00	12.50	12.50	12.50	12.50	12.50	12.00	12.50	12.50	12.50	12.50
1979	12.50	12.50	12.70	12.70	12.50	13.00	14.00	14.00	14.00	14.00	13.50	14.00
1980	13.00	13.00	13.00	14.00	13.50	13.50	14.00	14.50	15.00	15.00	15.30	15.50
1981	15.30	15.30	15.30	15.30	15.30	15.30	16.50	16.50	16.50	16.50	15.00	16.50
SOYBEAN MEAL, 44 percent protein (dollars per 100 pounds)												
1976	10.00	9.90	9.90	10.00	10.50	12.00	13.50	13.00	13.00	13.50	13.50	13.50
1977	14.50	15.00	15.50	16.50	17.50	17.00	15.50	14.50	14.00	13.00	12.50	13.00
1978	13.50	13.00	13.50	14.00	15.00	15.00	14.50	15.00	14.00	14.50	14.00	14.50
1979	15.50	14.50	15.00	15.50	14.50	15.50	15.50	16.00	15.00	16.00	15.00	15.50
1980	15.50	15.50	15.00	13.50	13.50	14.00	14.00	15.00	16.00	16.50	18.50	18.00
1981	17.50	17.00	16.50	16.50	17.00	16.00	16.50	16.50	16.00	15.50	15.50	15.50
CORN MEAL (dollars per 100 pounds)												
1976	7.30	7.20	7.30	7.30	7.70	7.70	7.80	7.90	8.10	7.80	7.50	7.10
1977	7.40	7.30	7.50	7.40	7.70	7.50	7.30	6.60	6.10	6.10	6.30	6.70
1978	6.70	7.00	6.70	6.70	6.90	7.00	7.20	6.80	6.60	6.50	6.60	6.70
1979	6.70	6.80	7.10	6.90	7.00	7.00	7.70	7.70	7.70	7.80	7.90	7.70
1980	7.50	8.00	7.60	8.30	8.40	8.90	9.00	9.60	9.60	9.70	9.40	9.70
1981	9.60	10.50	10.00	10.00	11.00	10.50	10.50	10.50	10.00	9.80	9.50	9.50
BRAN (dollars per 100 pounds)												
1976	8.10	8.10	8.40	8.20	8.40	8.20	8.20	8.50	8.60	8.60	8.50	8.60
1977	8.50	8.80	8.70	8.80	9.00	8.90	8.80	8.40	8.00	8.20	8.20	8.00
1978	8.10	8.10	8.20	8.30	8.40	8.40	8.50	8.90	8.40	8.30	8.10	8.30
1979	8.50	8.40	8.30	8.70	8.70	8.80	9.10	9.40	8.90	9.30	9.10	9.30
1980	9.80	9.40	9.50	9.40	9.70	9.60	9.40	9.90	10.50	11.00	11.00	11.50
1981	12.50	11.50	11.00	11.50	11.50	11.00	11.00	11.00	11.00	10.50	11.00	11.00

1/ No longer official prices as of January 1977.

NEW JERSEY: ANNUAL AVERAGE PRICES PAID BY FARMERS, SELECTED ITEMS AND YEARS, 1977-1981 1/

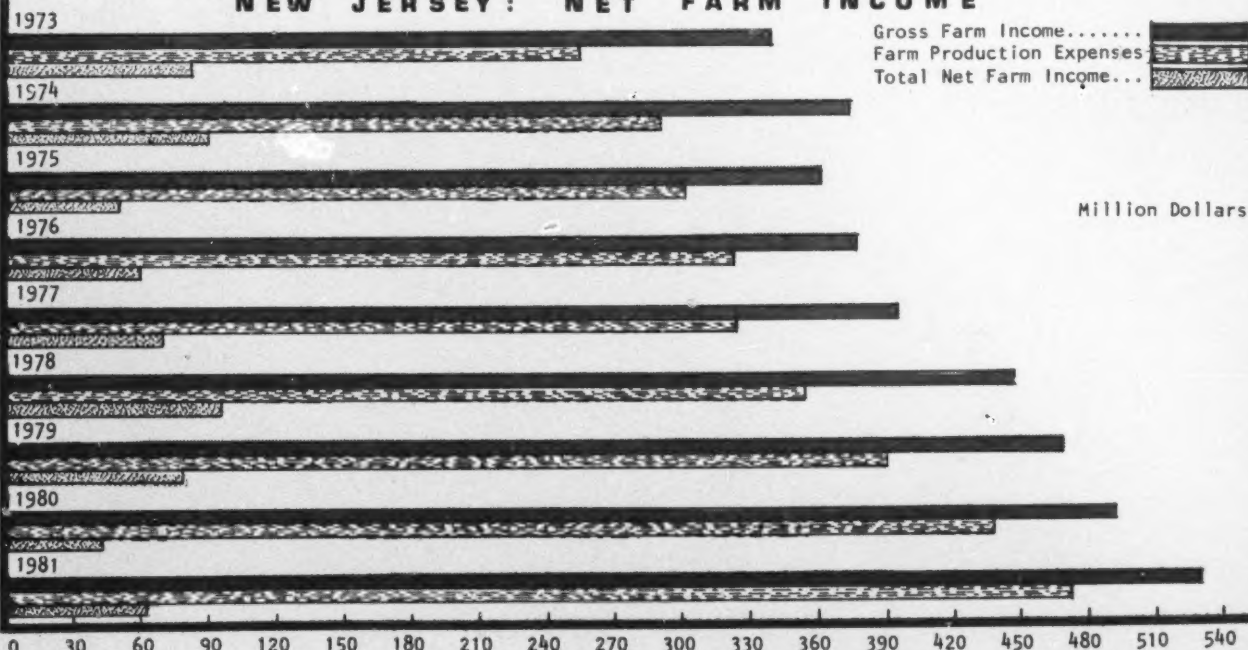
	1977	1978	1979	1980	1981
-- dollars --					
BUILDING AND FENCING MATERIALS:					
Dressed boards, No. 2 and better, per 1,000 bd. ft. ...	560	676	765	834	879
Shingles, asphalt, mineral surface, 240 lb.	22.70	24.57	27.05	31.13	31.58
Roofing, galvanized (steel) 28-29 ga. per 100 sq. ft. .	35.47	37.95	41.33	45.13	48.07
Oak flooring, 25/32"x2 1/4", No. 1, per 1,000 bd. ft. .	731	2/	2/	2/	2/
Nails, 8d, common, per lb.	.532	.550	.576	.653	.701
Gypsum board, 3/8", per 1,000 sq. ft.	91.45	2/	2/	2/	2/
Portland cement, per 94 lb. net	3.56	3.83	4.27	4.78	5.12
Concrete blocks, 8"x8", 16" per 100	51.57	54.98	60.82	69.67	75.33
Field and stock fence, 6" stay, 32" high, per 20 rod					
roll	62.78	67.35	76.10	90.25	92.93
Post, steel, (line fence), each	2.44	2.52	2.81	3.23	3.62
MOTOR FUEL AND SUPPLIES:					
Gasoline, regular, bulk delivery, per gallon	.569	.593	.786	1.142	1.283
Diesel fuel, per gallon	.475	.506	.708	1.018	1.217
Truck tires, 7.50 x 20, 10 ply, each 3/	88.00	89.75	127.50	155.00	175.00
Spark plugs, each	1.63	1.60	1.80	1.80	1.98
Anti-freeze, permanent, per gallon	5.05	5.15	5.10	5.40	5.70
FARM MACHINERY AND SUPPLIES:					
Wheel type farm tractors, 50-59 belt h.p., each	10,550	11,333	12,367	13,700	15,400
Moldboard plow, 3 bottoms, one-way each	1,275	1,470	1,675	1,895	2,165
Farm wagon (without box), less tires, each	597	666	720	801	834
Hand sprayer, pressure, 3-4 gal. capacity, each	22.25	23.10	25.00	27.75	31.85
Nail hammer, with handle, each	8.42	9.32	9.58	11.40	13.25
Adjustable end wrench, each	7.31	7.91	8.64	9.45	10.38
FERTILIZER, per ton:					
5-10-10	103.00	103.25	120.50	146.00	159.75
10-10-10	117.00	117.25	135.00	163.00	177.50
Ammonium nitrate, 33.5% N	171.50	168.75	171.75	199.00	223.75
Urea, 45-46% N	182.50	186.50	208.75	255.75	270.75

1/ All data is an average for the Northeastern States for building and fencing materials, farm machinery and supplies and fertilizer. Motor fuel and supply estimates are for New Jersey.

2/ Estimate discontinued.

3/ 1979, 1980 and 1981 estimates are for Truck tires, 9.00 x 20, 10 ply, each.

NEW JERSEY: NET FARM INCOME



1/ Net farm income includes changes in farm inventories.

NEW JERSEY: WORKERS ON FARMS, BY QUARTERS, 1976-1981 1/

Year	Jan.	Apr.	July	Oct.	Annual average
------	------	------	------	------	----------------

FAMILY WORKERS (thousands)

1976	8	10	12	11	10
1977	7	12	13	11	11
1978	8	13	13	12	12
1979	8	9	13	11	10
1980	8	10	13	10	10
1981	7	12			

HIRED WORKERS (thousands)

1976	5	8	22	11	12
1977	5	8	23	10	12
1978	5	7	19	11	11
1979	4	7	19	11	10
1980	6	9	20	10	11
1981	6	10			

1/ Persons employed during the last full calendar week ending at least one day before the end of the month for 1969 through 1974. Quarterly estimates of farm employment beginning in January 1975 covering the weeks which include the 12th of January, April, July and October.

NEW JERSEY: FARM WAGE RATES, BY QUARTERS, 1981

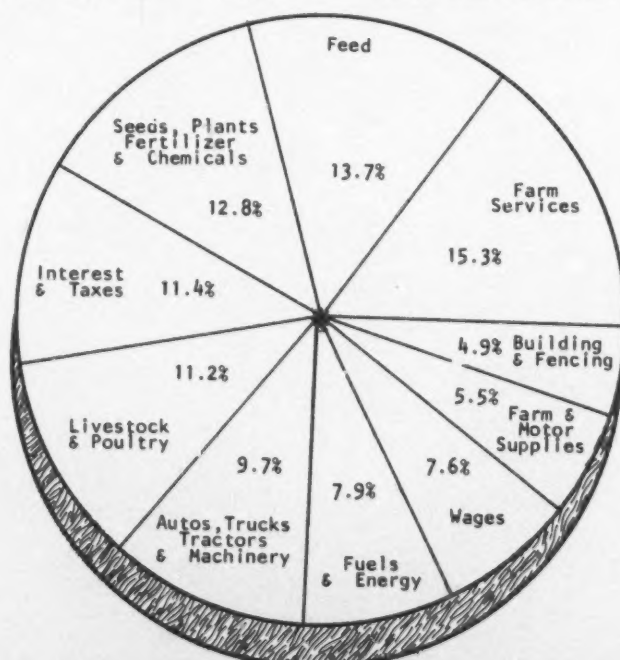
Year month and survey week	All hired workers	Field workers	Livestock workers	Packing house workers	Machine operators	Supervisors
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-- dollars per hour --

1981:						
January 11-17	4.25	3.70	3.75	1/	1/	1/
April 12-18	3.68	3.33	3.60	1/	4.11	6.15

1/ Insufficient data for this category. Data included in all hired farm workers.

UNITED STATES ---- 1981 ---- FARM PRODUCTION EXPENDITURES



NEW JERSEY: INDEX NUMBERS OF AGRICULTURAL PRODUCTION, NUMBER OF FARMS AND LAND IN FARMS, 1962-1981 1/

Year	Crops	Livestock and products	Total crops and livestock	Number of farms	Land in farms	Output per farm
1962	106	93	102	81	92	126
1963	102	90	98	74	90	133
1964	94	85	92	67	85	137
1965	104	81	98	61	80	160
1966	94	73	88	56	76	159
1967	107	68	97	53	73	182
1968	93	62	85	51	71	167
1969	91	60	83	49	71	166
1970	93	57	83	48	69	173
1971	86	54	77	47	69	163
1972	78	51	71	47	68	149
1973	88	46	76	47	68	161
1974	94	44	81	47	67	172
1975	92	42	79	52	69	150
1976	99	42	83	54	68	153
1977	91	41	78	52	67	148
1978	92	39	77	55	70	141
1979	94	37	78	58	69	134
1980	81	36	69	57	68	121
1981	100	36	82	58	69	142

1/ 1957-59 base.

NEW JERSEY: NUMBER CERTIFIED NURSERIES AND ACRES IN NURSERY STOCK, 1978-1981

County	Number of certified nurseries				Acreage in nursery stock			
	1978	1979	1980	1981	1978	1979	1980	1981
NORTH DISTRICT:								
Bergen	110	102	102	103	299	255	293	251
Essex	21	20	19	18	35	32	27	28
Hunterdon	49	54	55	58	523	540	600	608
Morris	70	65	61	70	256	208	191	196
Passaic	25	26	26	26	93	110	128	66
Somerset	56	54	54	54	329	275	347	383
Sussex	24	23	24	27	111	133	141	175
Union	27	23	22	23	62	43	38	38
Warren	15	14	13	18	46	52	45	53
CENTRAL DISTRICT:								
Burlington	57	56	56	62	355	420	479	468
Mercer	51	49	49	47	220	324	398	382
Middlesex	67	62	64	61	1,561	1,508	1,679	1,576
Monmouth	126	133	130	128	3,408	3,431	3,475	3,662
Ocean	25	21	23	21	52	54	49	58
SOUTH DISTRICT:								
Atlantic	49	44	48	46	426	390	470	366
Camden	20	23	25	27	67	68	106	107
Cape May	11	10	9	9	142	136	142	59
Cumberland	74	70	77	82	1,246	1,042	1,059	901
Gloucester	78	80	80	84	1,412	1,422	1,438	1,429
Salem	33	34	33	32	484	488	527	527
STATE	988	963	970	996	11,127	10,931	11,632	11,333

SOURCE: Division of Plant Industry, New Jersey Department of Agriculture.

NEW JERSEY: CUT FLOWERS, PRODUCTION, SALES AND PRICE, COMMERCIAL GROWERS, 1979-1981

Year	Number of producers	Area used for production (thou. sq. ft.)	Number sold 1/ (thou.)	Percent of sales at wholesale	Wholesale price 1/ (cents)	Gross wholesale value of sales commercial growers 2/ (thou. dollars)
<u>CHRYSANTHEMUMS, standard</u>						
1979	45	187	858	84	47.9	411
1980	58	281	907	82	57.7	523
1981	38	196	893	79	50.7	453
<u>CHRYSANTHEMUMS, pompon</u>						
1979	44	171	124	56	182	226
1980	44	268	149	65	194	289
1981	39	221	195	52	192	374
<u>CHRYSANTHEMUMS, potted</u>						
1979	70	398	426	86	234	997
1980	89	544	775	91	189	1,465
1981	84	440	645	81	218	1,406
<u>GLADIOLI</u>						
1979	17	389 3/	948	100	80	910
1980	17	367 3/	924	99	102	1,131
1981	10	312 3/	800	100	87	835
<u>ROSES, hybrid tea</u>						
1979	5	182	2,006	99	40.0	802
1980	7	169	2,068	89	45.2	935
1981	4	161	1,923	87	53.4	1,027
<u>SNAPDRAGONS</u>						
1979	27	89	483	68	24.2	117
1980	34	127	811	78	25.3	205
1981	30	123	833	84	24.4	203
<u>POTTED POINSETTIAS</u>						
1979	84	1,029	894	94	201	1,797
1980	126	1,678	1,247	92	211	2,631
1981	108	1,397	886	88	274	2,428
<u>POTTED GERANIUMS</u>						
1979	123	672	1,806	82	76	1,373
1980	176	1,024	2,499	80	76	1,899
1981	150	851	2,223	72	86	1,912
<u>POTTED LILIES</u>						
1979	56	205	233	87	292	680
1980	74	193	225	91	297	668
1981	59	116	130	85	361	469
<u>POTTED HYDRANGEAS</u>						
1979	19	129	100	97	271	271
1980	20	132	102	98	281	287
1981	16	150	94	97	318	299
<u>FLOWERING BEDDING PLANTS</u>						
1979	83	504	233	58	521	1,214
1980	134	1,668	796	78	477	3,797
1981	114	1,605	871	82	466	4,059
<u>VEGETABLE BEDDING PLANTS</u>						
1979	77	233	117	61	428	501
1980	114	815	342	74	474	1,621
1981	106	630	338	73	444	1,501

1/ Blooms sold for standard chrysanthemums and roses; bunches sold for pompon chrysanthemums; dozen spikes sold for gladioli; stems sold for snapdragon; pots sold for potted chrysanthemums, geraniums, poinsettias, lilies, hydrangeas; and flats sold for flowering and vegetable bedding plants.

2/ Equivalent wholesale value of all sales.

3/ Gladioli area used for production reported in acres.

FOLIAGE PLANTS FOR INDOOR OR PATIO USE: PRODUCTION AND SALES, 1980-1981

State	Number of producers		Square feet in production			Net value of sales 1/		Percent of sales wholesale	
	1980	1981	1980	1981	Intended 1982	1980	1981	1980	1981
-- thousands -- -- thousand dollars --									
California	225	223	18,527	17,509	17,219	79,043	77,352	94	96
Colorado	29	26	525	368	380	3,947	3,412	85	94
Florida	470	491	104,190	111,094	116,478	148,909	162,158	100	100
Georgia	41	51	598	553	607	2,056	2,302	85	94
Hawaii	59	59	3,363	4,565	4,625	5,012	6,845	99	99
Illinois	80	78	823	880	860	3,350	3,796	83	69
Maryland	30	29	432	526	511	2,547	2,293	87	80
Massachusetts	84	94	611	688	664	4,370	4,319	53	60
Michigan	140	145	1,296	1,245	1,200	4,581	4,980	65	69
Minnesota	72	80	445	432	424	2,097	2,389	67	70
NEW JERSEY	115	106	1,337	958	966	5,304	3,612	86	80
New York	202	216	1,486	1,445	1,504	6,326	5,886	76	61
Ohio	145	125	1,681	1,591	1,627	13,178	13,988	90	86
Oregon	38	28	454	310	289	2,007	1,277	89	76
Pennsylvania	123	146	1,038	1,289	1,295	3,939	5,126	78	78
Texas	200	189	8,927	10,652	11,255	26,302	29,425	94	96
TOTAL	2,053	2,086	145,733	154,105	159,904	312,968	329,160	97	98

1/ Gross value of sales less cost of plant material purchased from other growers for growing on.

NEW JERSEY: MUSHROOMS, AREA, PRODUCTION AND VALUE, 1977-1982 1/

Year	Area in production (thou. sq. ft.)				Production (thou. lbs.)	Price per pound (dollars)	Value of production (thou. dol.)
	First filling	Second filling	Additional fillings	Total			
1976-77 ..	125	84	55	264	665	.653	434
1977-78 ..	142	80	43	265	610	.666	406
1978-79 ..	167	121	53	341	699	.652	456
1979-80 ..	132	90	64	286	613	.537	329
1980-81 ..	133	119	46	298	691	.621	429
1981-82 ..	146	82	2	230	586	.502	294

1/ Production estimated on a fiscal year, July 1 through June 30.

NEW JERSEY: NUMBER OF FARMS, LAND-IN-FARMS AND AVERAGE SIZE OF FARMS, 1976-1982

Year	Farms		Land-in-Farms		Average Size of Farm	
	Old definition 1/	New definition 2/	Old definition 1/	New definition 2/	Old definition 1/	New definition 2/
	-- number --		-- 1,000 acres --		-- acres --	
1976	8,400	8,900	1,020	1,020	121	115
1977	8,300	8,600	1,015	1,000	122	116
1978	8,300	9,000	1,010	1,040	122	116
1979	4/	9,600	4/	1,030	4/	107
1980	4/	9,400	4/	1,020	4/	109
1981	4/	9,500	4/	1,030	4/	108
1982 3/	4/	9,500	4/	1,030	4/	108

1/ Places of 10 or more acres that had annual sales of agricultural products of \$50 or more and places of less than 10 acres that had annual sales of \$250 or more. 2/ Places which had annual sales of agricultural products of \$1,000 or more. Series initiated with 1975. 3/ Preliminary. 4/ Series discontinued.

NEW JERSEY: FERTILIZER CONSUMPTION BY KINDS AND PRIMARY NUTRIENTS, YEAR ENDED JUNE 30, 1974-1981

Mixtures and materials for direct application	1974	1975	1976	1977	1978	1979	1980	1981
	-- tons --							
Mixed fertilizer	179,964	160,400	173,728	183,616	152,109	160,171	161,361	160,943
DIRECT APPLICATION MATERIALS:								
Chemical nitrogen								
Ammonia	254	764	215	149	156	164	210	315
Ammonium nitrate	8,557	7,600	4,424	520	2,575	3,004	3,360	3,243
Ammonium sulfate	227	1,941	230	37	25	303	16	481
Nitrogen solutions	4,245	4,978	6,257	4,710	3,771	4,945	5,860	7,495
Sodium nitrate	908	704	620	496	448	754	623	643
Urea	1,817	2,099	3,384	1,188	5,836	5,541	4,177	5,199
Other	2,074	1,370	804	1,978	1,267	1,315	1,802	1,629
Phosphates								
Superphosphates, 22 percent or under	752	211	314	218	46	45	164	1,085
Superphosphates, over 22 percent ...	1,130	3,011	1,100	1,234	926	1,481	1,359	778
Phosphate rock 1/	34	34	71	11	3	--	10	121
Ammonium phosphates 1/	2,468	385	301	1	416	64	228	86
Other	393	2,494	578	3,750	530	287	284	344
Potash								
Chloride, 50-62 percent	4,568	3,495	4,337	5,608	6,025	5,278	6,776	5,081
Other	399	279	356	391	289	612	788	390
Natural organics	6,683	13,258	6,881	5,383	6,584	10,508	8,611	8,477
Secondary nutrients	2,654	3,274	3,185	5,901	4,014	1,956	3,201	1,960
TOTAL MIXED FERTILIZER AND MATERIALS .	217,127	206,297	206,785	215,191	185,020	196,428	198,830	198,270
PRIMARY NUTRIENTS:								
N	25,164	24,609	25,289	24,586	23,225	25,025	24,983	26,649
Available P ₂ O ₅	20,721	19,955	19,632	21,523	17,505	18,848	18,556	17,859
K ₂ O	21,853	19,803	21,292	23,170	20,987	22,011	22,818	21,054
TOTAL PRIMARY	67,738	64,367	66,212	69,279	61,718	65,884	66,357	65,562

1/ Includes colloidal phosphate.

SOURCE: Compiled by SRS, USDA, through cooperation of NJDA, Division of Agricultural Chemistry and the fertilizer industry.

NEW JERSEY AGRICULTURAL LAND SALES

From July 1, 1976 to June 30, 1981, the average price per acre of farmland rose from roughly \$2,400 per acre to \$4,400 per acre. This represents an average yearly increase of sixteen and one-half percent. These prices are based on a total of 107,969 acres of land, six acres or more in size, being sold as arms-length transactions during this five year period. The number of sales totaled 2,738 and the average size of parcel sold was 39.4 acres.

For land continuing in agriculture, as the primary future use, the average price per acre increased an average of six and one-half percent from roughly \$1,800 per acre to \$2,400 per acre. Of the 107,969 acres of land transferred during this five year period for all uses, 62,627 acres were basically purchased to continue in agriculture. This represents 58 percent of the agricultural land being transferred in New Jersey as arms-length transactions and six acres or more in size.

Farmland purchased primarily as an investment represents 28 percent of all land transferred. Prices per acre increased from roughly \$2,700 to \$5,350 per acre, or an increase of nineteen and a half percent annually. The majority of land purchased as investments will continue in agricultural use until development takes place. In some cases, this classification of land will be sold again as an investment as the number of acres of farmland actually being developed has slowed down in recent years.

Farmland purchased for development represents 12 percent of all agricultural land sales during the five year period from July 1, 1976 to June 30, 1981. Average price per acre increased dramatically during the five year period from roughly \$4,350 per acre to \$11,350 per acre in 1980-81. During the 1979-80 period agricultural land sold for development peaked at \$12,258 per acre. The average annual price increase for farmland being developed was 32 percent.

The wide price range between farmland being developed, continuing in agriculture, or purchased primarily for investment is caused by the higher economic demand for a use other than agriculture and the permits or legal requirements necessary to get a parcel of farmland approved for a development project. In addition, the demand for developing land depends on location to a greater extent than either land purchased as an investment or to continue in agriculture.

In addition to agricultural lands which were purchased to continue in agriculture, for investment, or for development, there were a few sales which did not fit into these classifications. These included sales where the intended use is for a golf course, large lot individual family residence, a church camp, etc. These sales are included in the figures for Total Farmland Transfers.

AGRICULTURAL LAND SALES TRENDS BY COUNTY
JULY 1, 1978 TO JUNE 30, 1981

County	Continuing in agriculture			Primarily as an investment			Purchased for development		
	78/79	79/80	80/81	78/79	79/80	80/81	78/79	79/80	80/81
NORTH DISTRICT:									
<u>Bergen</u>									
Number of sales ...	2	--	--	1	--	--	6	3	5
Number of acres ...	27	--	--	34	--	--	167	50	90
Price per acre	\$ 9,398	--	--	\$ 9,765	--	--	\$24,628	\$34,036	--
<u>Essex</u>									
Number of sales ...	--	--	--	--	--	--	--	--	--
Number of acres ...	--	--	--	--	--	--	--	--	--
Price per acre	--	--	--	--	--	--	--	--	--
<u>Hunterdon</u>									
Number of sales ...	132	97	68	25	32	27	17	8	1
Number of acres ...	4,700	2,799	1,967	2,077	1,628	1,099	707	283	34
Price per acre	\$ 2,451	\$ 2,511	\$ 2,814	\$ 5,624	\$ 2,919	\$ 3,707	\$ 4,707	\$ 6,573	\$ 5,006
<u>Morris</u>									
Number of sales ...	1	6	3	1	3	1	2	1	1
Number of acres ...	158	190	36	165	209	106	219	24	8
Price per acre	\$ 4,241	\$ 3,335	\$10,347	\$ 2,000	\$ 8,043	\$ 1,371	\$ 3,932	\$13,448	\$12,346
<u>Passaic</u>									
Number of sales ...	1	2	--	--	1	1	--	--	--
Number of acres ...	39	51	--	--	59	38	--	--	--
Price per acre	\$ 3,522	\$ 3,627	--	--	\$ 769	\$ 1,652	--	--	--
<u>Somerset</u>									
Number of sales ...	15	26	10	15	16	18	14	9	6
Number of acres ...	610	716	549	1,069	670	1,976	597	254	301
Price per acre	\$ 2,864	\$ 4,765	\$ 2,103	\$ 5,253	\$ 4,666	\$ 7,603	\$ 9,122	\$ 9,362	\$ 9,000
<u>Sussex</u>									
Number of sales ...	59	50	33	10	20	12	2	3	4
Number of acres ...	2,020	1,177	990	589	1,491	976	157	29	243
Price per acre	\$ 1,546	\$ 2,063	\$ 1,998	\$ 1,548	\$ 1,922	\$ 2,644	\$ 2,459	\$ 5,034	\$ 4,336
<u>Union</u>									
Number of sales ...	--	--	--	--	--	--	--	2	--
Number of acres ...	--	--	--	--	--	--	--	24	--
Price per acre	--	--	--	--	--	--	--	\$80,169	--
<u>Warren</u>									
Number of sales ...	64	42	11	9	16	4	3	1	--
Number of acres ...	2,375	2,171	456	538	870	35	148	29	--
Price per acre	\$ 1,753	\$ 1,654	\$ 1,952	\$ 2,280	\$ 1,585	\$ 3,025	\$ 3,002	\$ 4,266	--
CENTRAL DISTRICT:									
<u>Burlington</u>									
Number of sales ...	35	30	39	13	6	16	10	4	4
Number of acres ...	806	1,067	1,616	950	517	972	399	83	80
Price per acre	\$ 2,797	\$ 1,834	\$ 1,978	\$ 2,691	\$ 2,456	\$ 4,002	\$ 6,518	\$ 8,176	\$14,752
<u>Mercer</u>									
Number of sales ...	20	15	17	10	13	14	6	11	9
Number of acres ...	598	404	585	760	576	688	269	268	369
Price per acre	\$ 2,742	\$ 4,179	\$ 4,416	\$ 6,137	\$ 6,626	\$ 6,802	\$ 6,860	\$14,010	\$ 5,640

Middlesex

Number of sales ...	11	15	6	8	11	8	7	10	8
Number of acres ...	386	422	85	235	821	156	185	266	601
Price per acre	\$ 2,875	\$ 2,884	\$ 3,853	\$ 6,558	\$ 9,038	\$ 11,704	\$ 9,047	\$ 27,058	\$ 12,516
Monmouth									
Number of sales ...	36	32	28	9	16	20	9	14	3
Number of acres ...	1,108	1,159	745	296	841	689	338	534	317
Price per acre	\$ 3,226	\$ 2,757	\$ 4,858	\$ 5,133	\$ 3,756	\$ 9,178	\$ 7,482	\$ 7,859	\$ 12,743
Ocean									
Number of sales ...	4	3	6	1	4	3	--	1	--
Number of acres ...	31	75	120	67	44	59	--	14	--
Price per acre	\$ 3,883	\$ 3,589	\$ 2,698	\$ 783	\$ 4,114	\$ 3,083	--	\$ 7,554	--

SOUTH DISTRICT:

Atlantic									
Number of sales ...	7	10	5	1	4	4	1	--	--
Number of acres ...	194	321	80	13	116	46	10	--	--
Price per acre	\$ 2,395	\$ 1,852	\$ 2,448	\$ 6,593	\$ 7,487	\$ 3,617	\$ 2,141	--	--
Camden									
Number of sales ...	1	2	1	--	--	--	4	2	3
Number of acres ...	10	39	19	--	--	--	57	60	112
Price per acre	\$ 4,800	\$ 2,650	\$ 2,701	--	--	--	\$ 9,905	\$ 5,705	\$ 15,150
Cape May									
Number of sales ...	6	6	1	--	2	3	1	--	2
Number of acres ...	112	216	38	--	67	373	18	--	41
Price per acre	\$ 2,359	\$ 1,775	\$ 4,421	--	\$ 3,679	\$ 871	\$ 1,225	--	\$ 2,060
Cumberland									
Number of sales ...	31	27	29	--	5	4	1	--	--
Number of acres ...	1,494	1,377	999	--	85	56	9	--	--
Price per acre	\$ 1,272	\$ 943	\$ 1,312	--	\$ 2,174	\$ 3,863	\$ 2,032	--	--
Gloucester									
Number of sales ...	30	11	24	6	10	5	8	3	1
Number of acres ...	749	263	850	484	302	164	207	129	8
Price per acre	\$ 2,151	\$ 2,774	\$ 1,913	\$ 1,758	\$ 4,505	\$ 4,982	\$ 7,352	\$ 2,987	\$ 10,012
Salem									
Number of sales ...	40	49	33	1	5	4	2	--	1
Number of acres ...	1,667	2,296	2,035	37	233	156	32	--	25
Price per acre	\$ 1,273	\$ 1,199	\$ 1,517	\$ 2,186	\$ 1,668	\$ 1,971	\$ 1,813	--	\$ 3,102
STATE 1/:									
Number of sales ...	495	423	314	110	164	144	95	72	48
Number of acres ...	17,085	14,744	11,169	6,902	8,526	7,692	3,548	2,045	2,226
Price per acre	\$ 2,150	\$ 2,134	\$ 2,366	\$ 4,436	\$ 3,839	\$ 5,335	\$ 7,448	\$ 12,258	\$ 11,366

1/ Due to rounding, county acreage totals may not equal state totals.



NEW JERSEY: VEGETABLES, FRUIT AND BERRIES, UNIT OF SALE, AVERAGE WEIGHT
AND NUMBER OF PACKAGES USED IN CONVERTING TO CARLOT EQUIVALENTS

Crop	Unit of sale	Average weight per unit	Packages per carlot equivalent	
			In units	In hundredweight
		-- pounds --		-- number --
Asparagus	Crate, 12 bunches	30	1,050	315
Beans, lima	Bushel	32	850	272
Beans, snap	Bushel	30	850	255
Beets, topped	Bushel	50	700	350
Broccoli	Crate, 12-14 bunches	21	900	189
Cabbage	Crate or sack	50	600	300
Carrots, topped	Bushel	50	1,000	500
Cauliflower	Crate	50	400	200
Celery	Crate, 3-4 dozen	60	600	360
Corn, sweet	Crate, 50 ears	42	725	305
Cucumbers	Bushel	48	700	336
Eggplant	1-1/9 bushel crate	33	750	248
Escarole, endive	1-1/9 bushel crate	28	850	238
Lettuce	Crate, 24 heads	43	825	355
Onions, dry	Sack	50	800	400
Peppers	Bushel	30	850	255
Spinach	Bushel	20	850	170
Tomatoes	Flat	30	2,000	400
Potatoes	Sack	100	500	500
Sweet potatoes	Bushel	50	600	300
Apples	Bushel or carton	44	900	396
Peaches	3/4 bushel or carton	38	900	342
Strawberries	Crate, 16 quarts	24	600	144
Blueberries	Crate, 12 pints	11	1,400	154

SOURCE: Fruit and Vegetable Market News Service, AMS, U.S. Department of Agriculture.

NEW JERSEY: FIELD CROPS, USUAL PLANTING AND HARVESTING DATES

Crop	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
Potatoes.....									
Sweet potatoes.....									
Soybeans.....									
Wheat.....									
Rye.....									
Corn:									
Grain.....									
Silage.....									
Forage.....									
Oats.....									
Barley.....									
Hay:									
Alfalfa.....									
Other.....									

Planting 

Harvest  Begins Most Active Ends

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